Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
Data File : BF112674.D
Acq On : 22 Feb 2019 19:44
Operator : JU/SJ
Sample : K1556-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP

Quant Time: Feb 22 22:15:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	47628	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	193423	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	93677	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	183142	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	127179	20.00	ng		-0.03
87) Perylene-d12	15.44	264	104838	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	245415	109.45	ng		-0.02
7) Phenol-d6	6.48	99	316835	101.69	ng		-0.01
23) Nitrobenzene-d5	7.38	82	197961	58.97	ng		-0.03
42) 2,4,6-Tribromophenol	10.64	330	95527	87.61	ng		-0.04
45) 2-Fluorobiphenyl	9.17	172	407862	61.58	ng		-0.04
79) Terphenyl-d14	12.91	244	438247	64.90	ng		-0.04
Target Compounds							Qvalue
10) Phenol	6.50	94	10171	2.975	ng	#	65
19) n-Nitroso-di-n-propylamine	7.38	70	27078	12.603	ng	#	74
25) Isophorone	7.38	82	197961	37.591	ng	#	63
50) Dimethylphthalate	9.57	163	21576	2.964	ng		96
51) 2,6-Dinitrotoluene	9.85	165	12084	7.413	ng	#	32
52) Acenaphthene	9.88	154	16208	2.915	ng		97
55) Dibenzofuran	10.06	168	17407	2.049	ng	#	91
56) 4-Nitrophenol	10.06	139	7517	8.051	ng	#	12
57) 2,4-Dinitrotoluene	9.85	165	12084	5.823	ng	#	30
58) Fluorene	10.40	166	27694	4.355	ng		93
67) 4-Bromophenyl-phenylether	10.64	248	6106	2.835	ng	#	1
71) Phenanthrene	11.36	178	294430	30.923	ng		97
72) Anthracene	11.42	178	85734	9.039	ng		98
75) Fluoranthene	12.55	202	554102	54.259	ng		98
78) Pyrene	12.78	202	472279	53.637	ng		99
81) Benzo(a)anthracene	13.97	228	223963	29.957	ng		98
83) Chrysene	14.00	228	165600	23.205	ng		98
86) Indeno(1,2,3-cd)pyrene	16.93	276	108457	19.180	ng	#	92
88) Benzo(b)fluoranthene	15.02	252	297265	47.412	ng		100
89) Benzo(k)fluoranthene	15.02	252	297265	49.498	ng		99
90) Benzo(a)pyrene	15.39	252	161614	28.647	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	17005	3.740	ng		99
92) Benzo(g,h,i)perylene	17.39	276	104608	24.386	ng		95

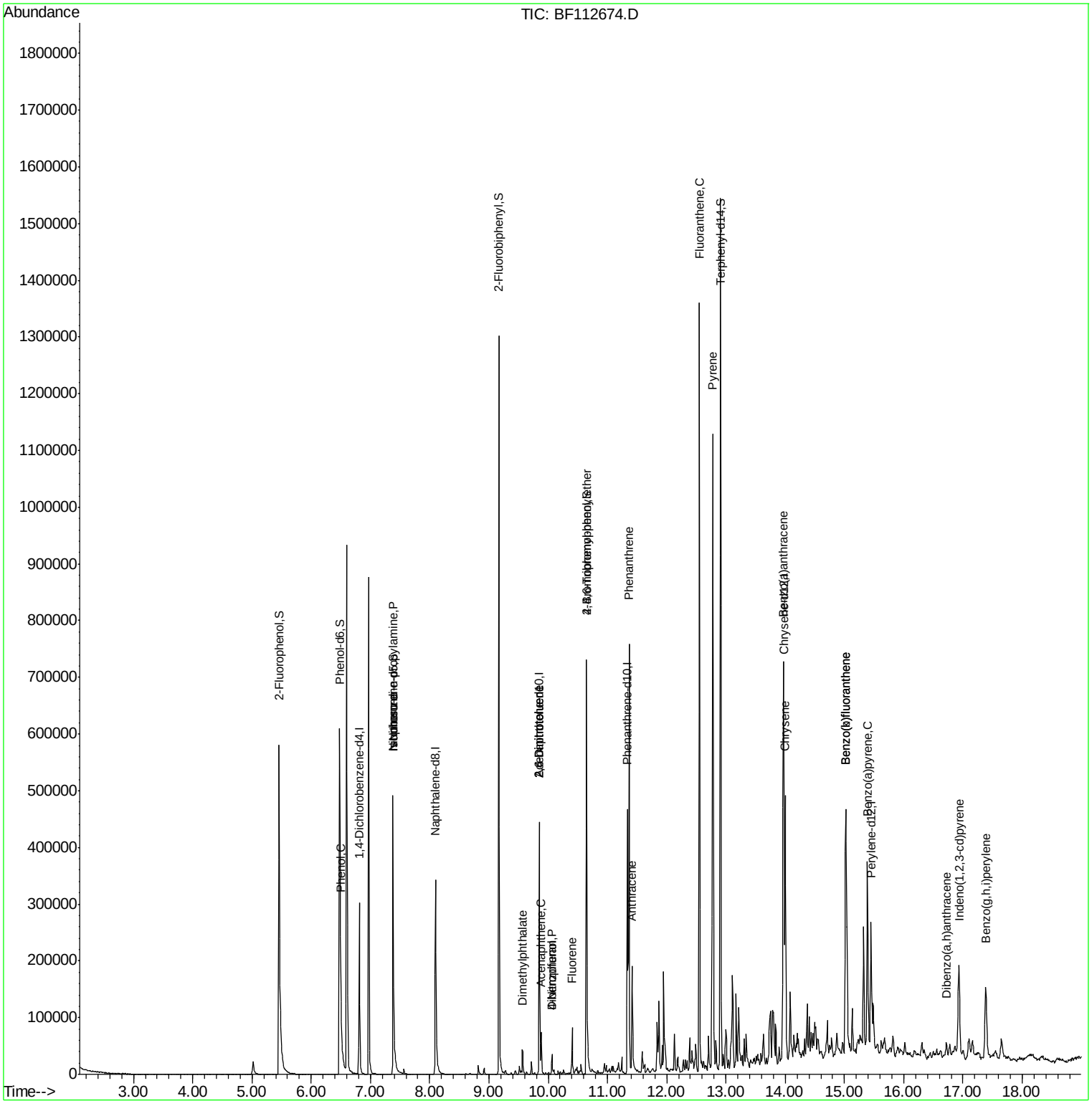
(#) = qualifier out of range (m) = manual integration (+) = signals summed

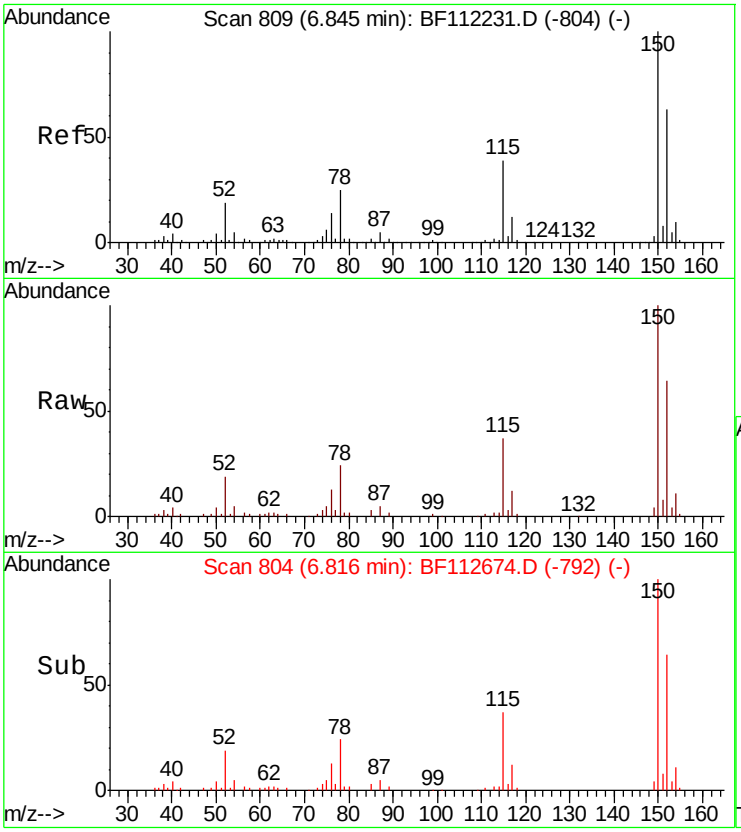
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
Data File : BF112674.D
Acq On : 22 Feb 2019 19:44
Operator : JU/SJ
Sample : K1556-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP

Quant Time: Feb 22 22:15:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



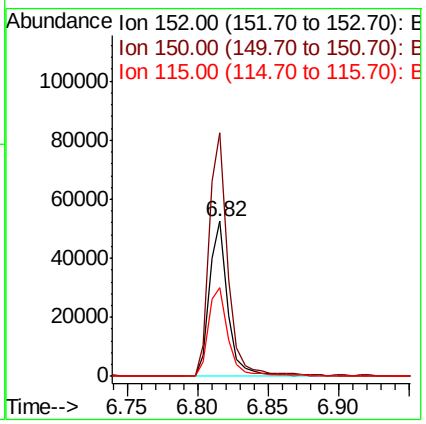


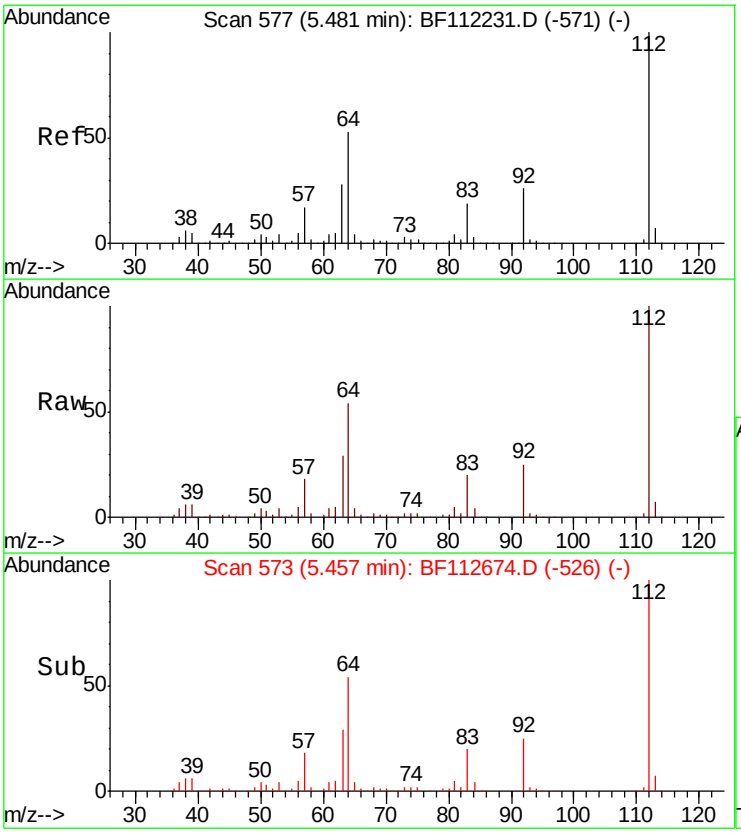
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:152 Resp: 47628

Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.4	191.0
115	57.7	45.5	68.3

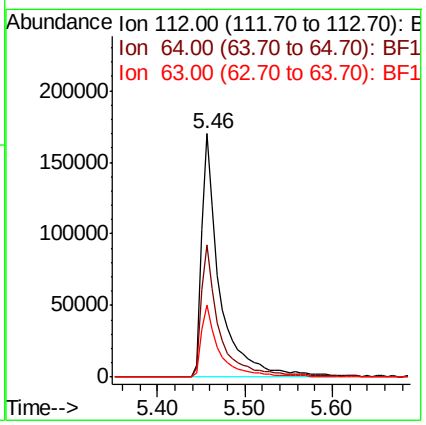


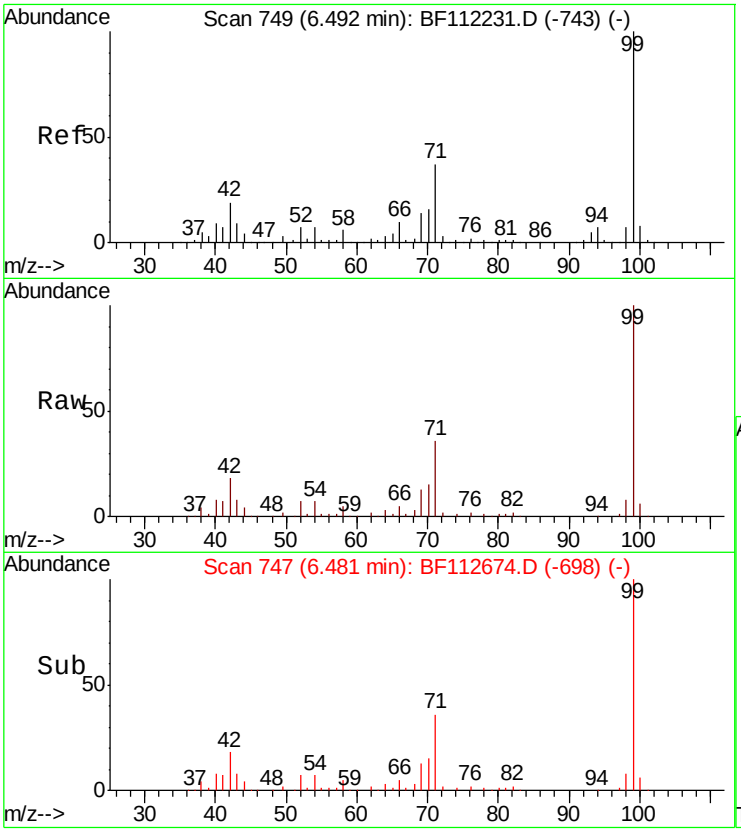


#5
2-Fluorophenol
Concen: 109.448 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:112 Resp: 245415

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.7	68.5
63	29.4	23.6	35.4



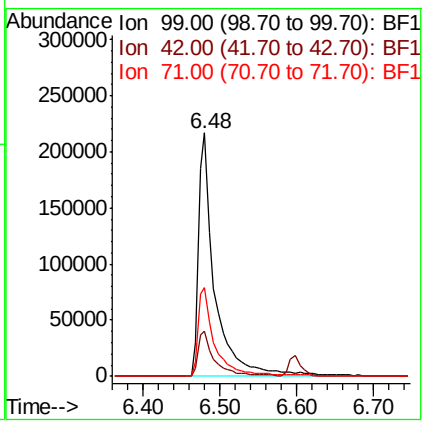


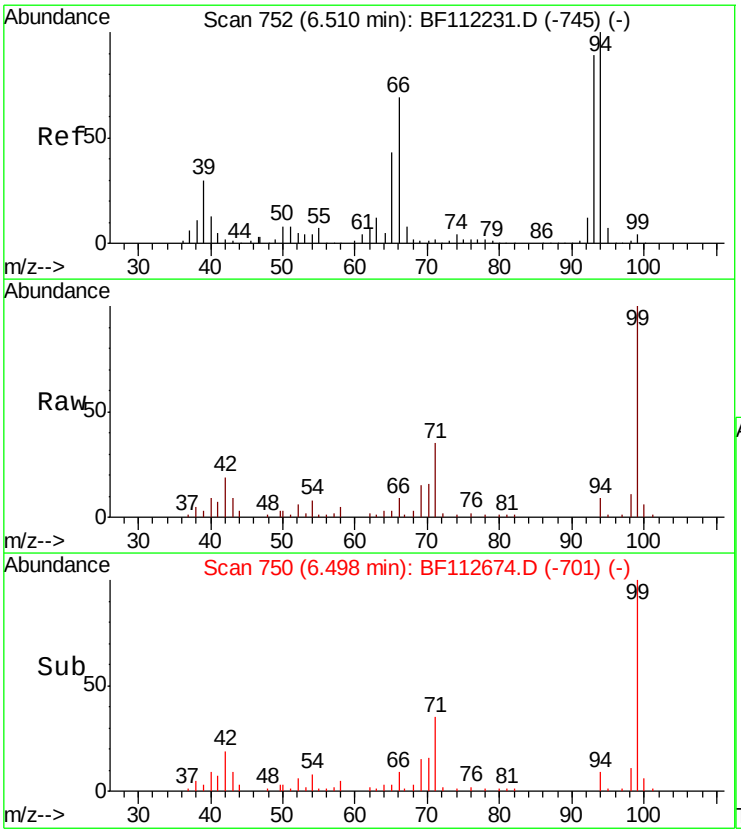
#7
Phenol-d6
Concen: 101.687 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion: 99 Resp: 316835

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.1	22.7
71	36.2	26.9	40.3

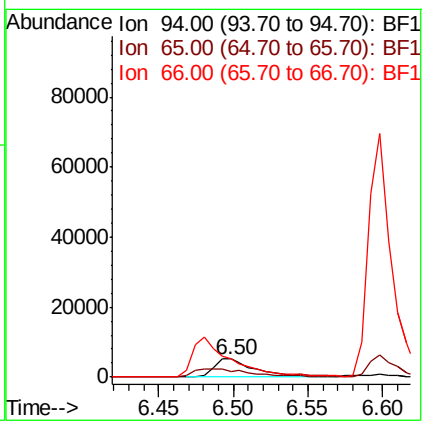


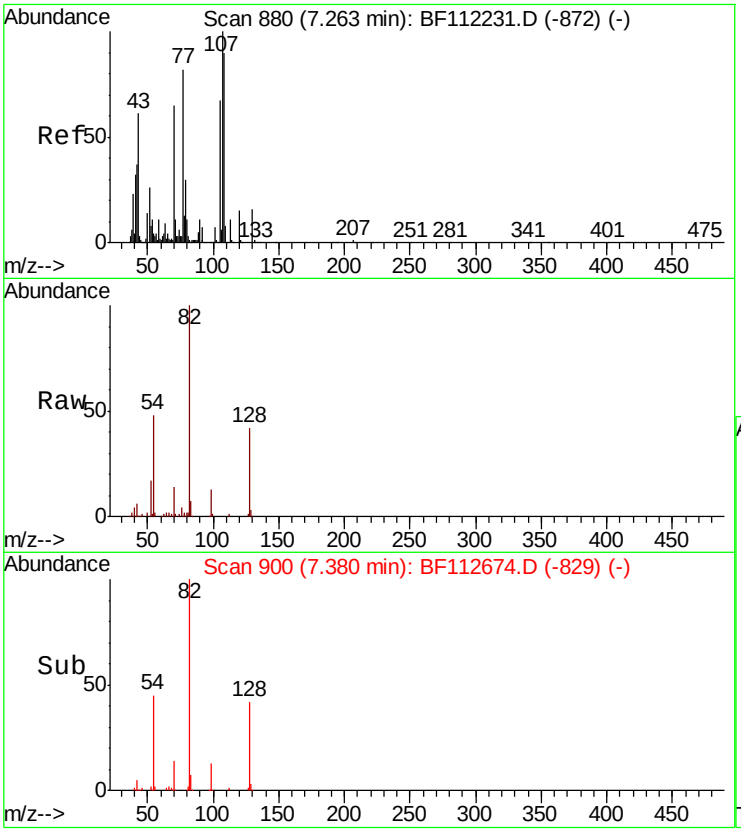


#10
Phenol
Concen: 2.975 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion: 94 Resp: 10171

Ion	Ratio	Lower	Upper
94	100		
65	34.4	20.3	60.3
66	101.6	42.4	82.4#



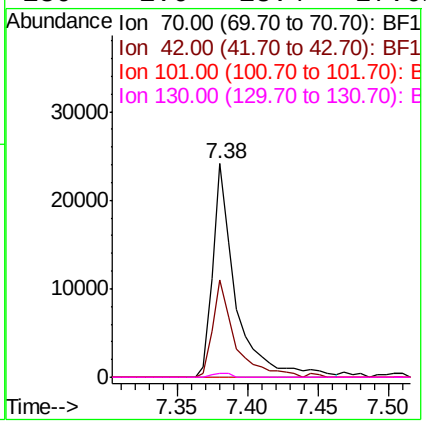


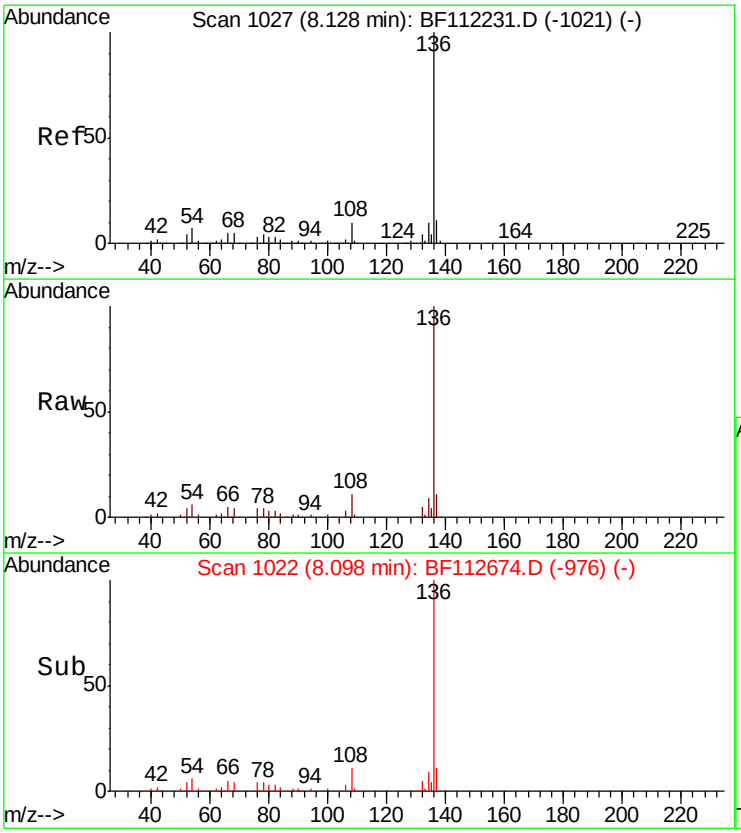
#19
n-Nitroso-di-n-propylamine
Concen: 12.603 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.12 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion: 70 Resp: 27078

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.6	71.4#
101	0.0	7.9	11.9#
130	1.6	18.4	27.6#

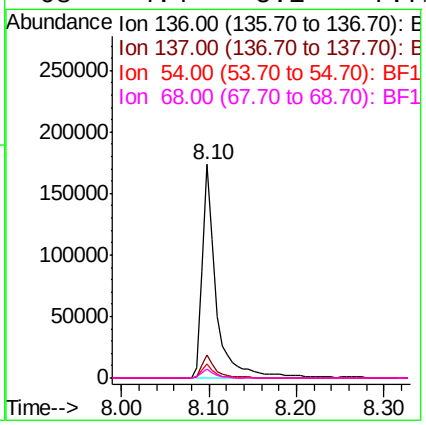


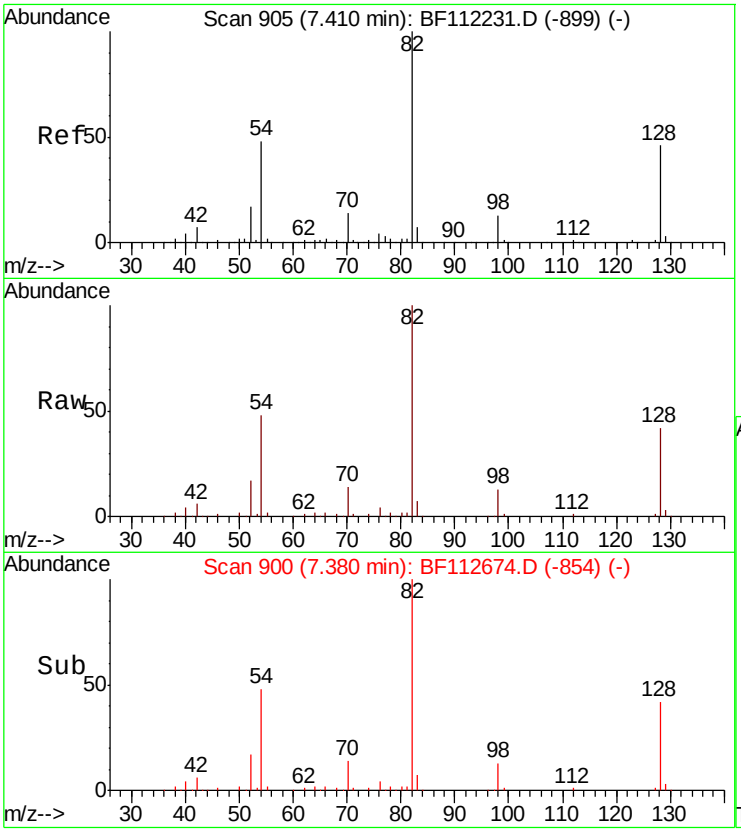


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:136 Resp: 193423

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.5	5.9	8.9
68	4.4	5.1	7.7#



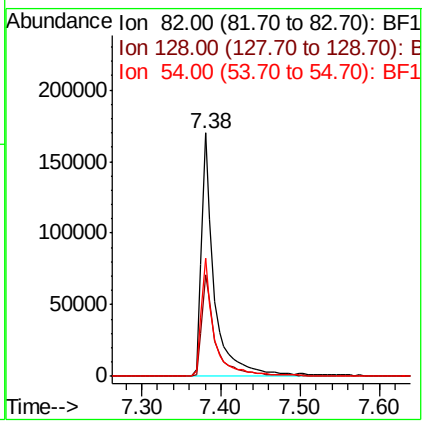


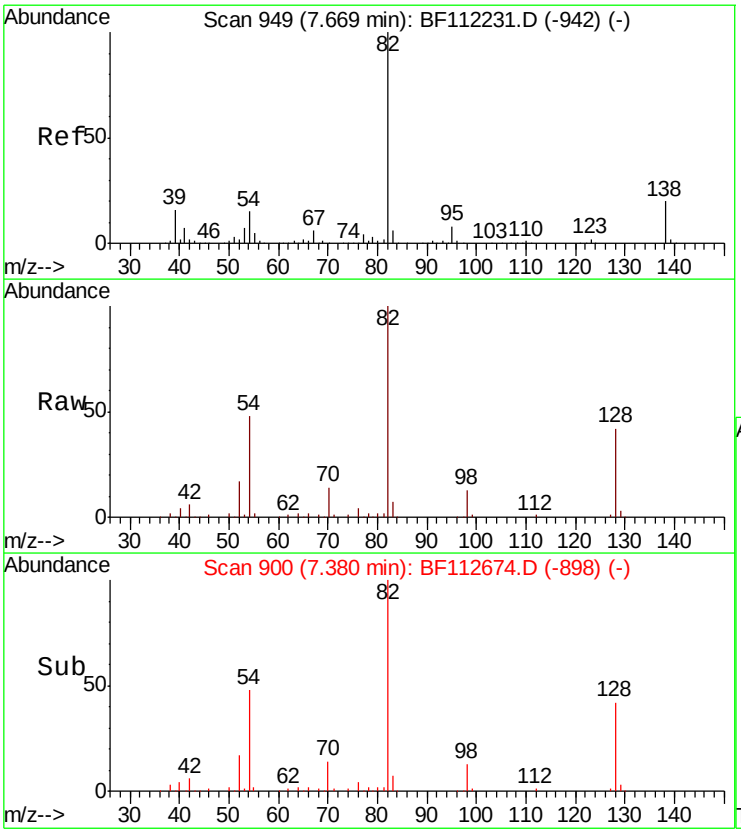
#23
Nitrobenzene-d5
Concen: 58.972 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion: 82 Resp: 197961

Ion	Ratio	Lower	Upper
82	100		
128	41.5	37.8	56.8
54	48.3	39.7	59.5

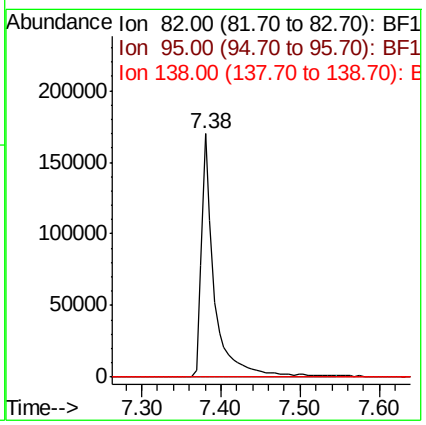


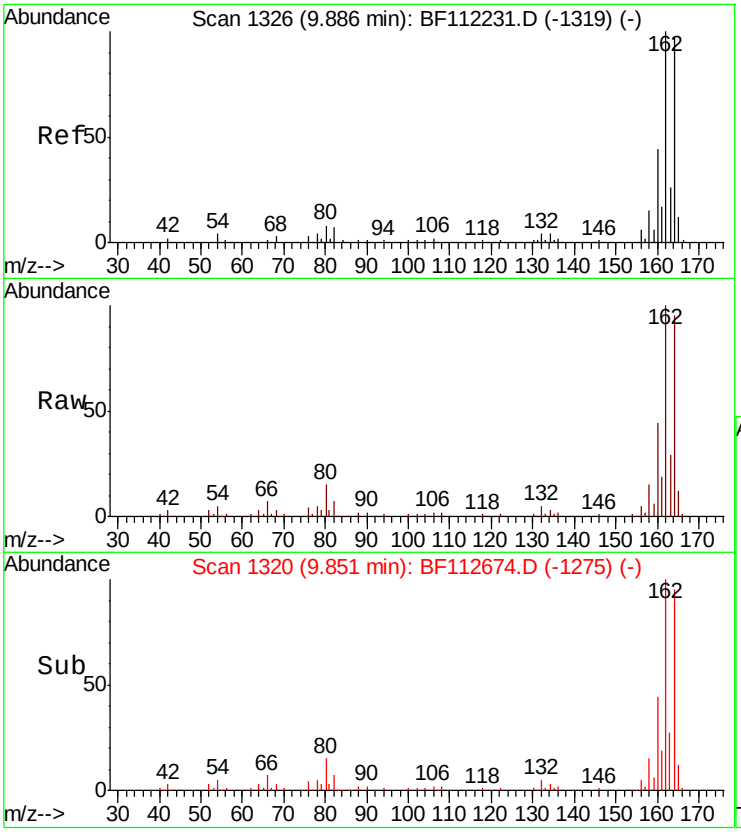


#25
Isophorone
Concen: 37.591 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.29 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion: 82 Resp: 197961

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#



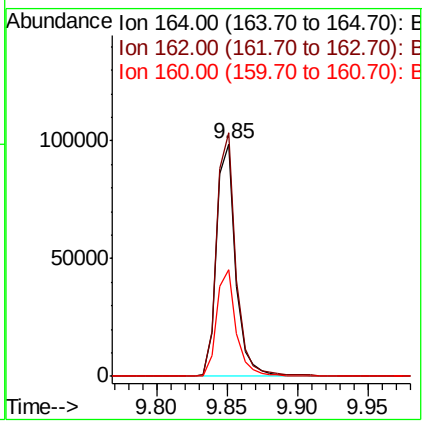


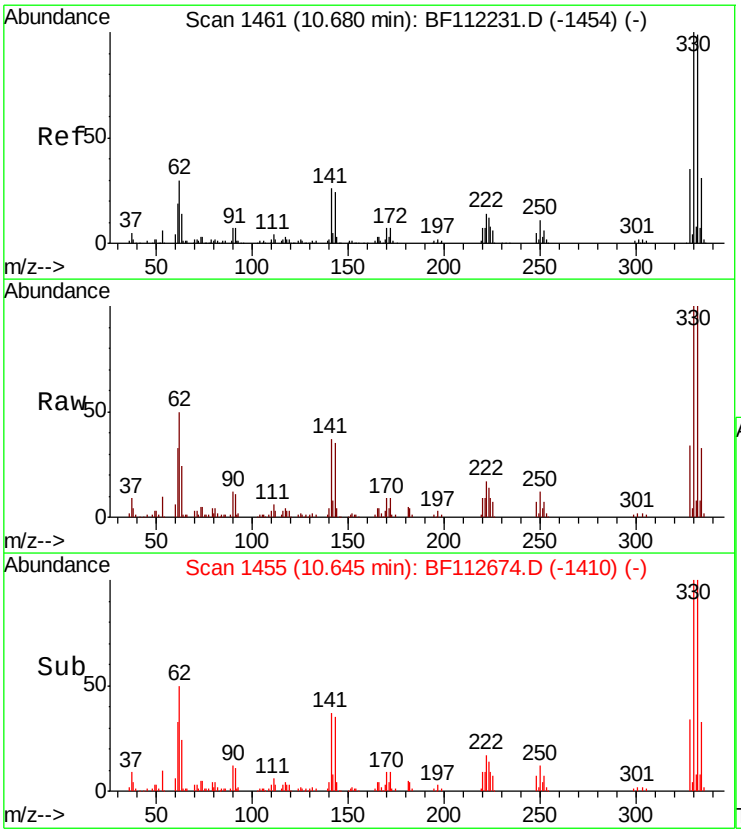
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:164 Resp: 93677

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.2	123.4
160	45.8	36.2	54.4

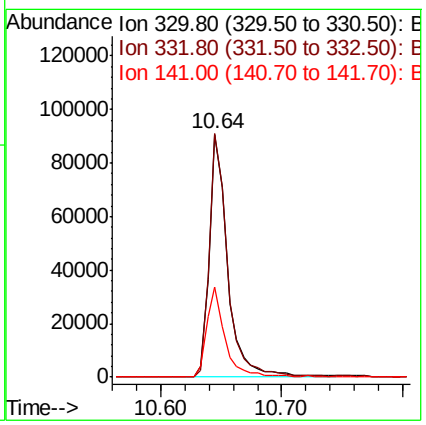


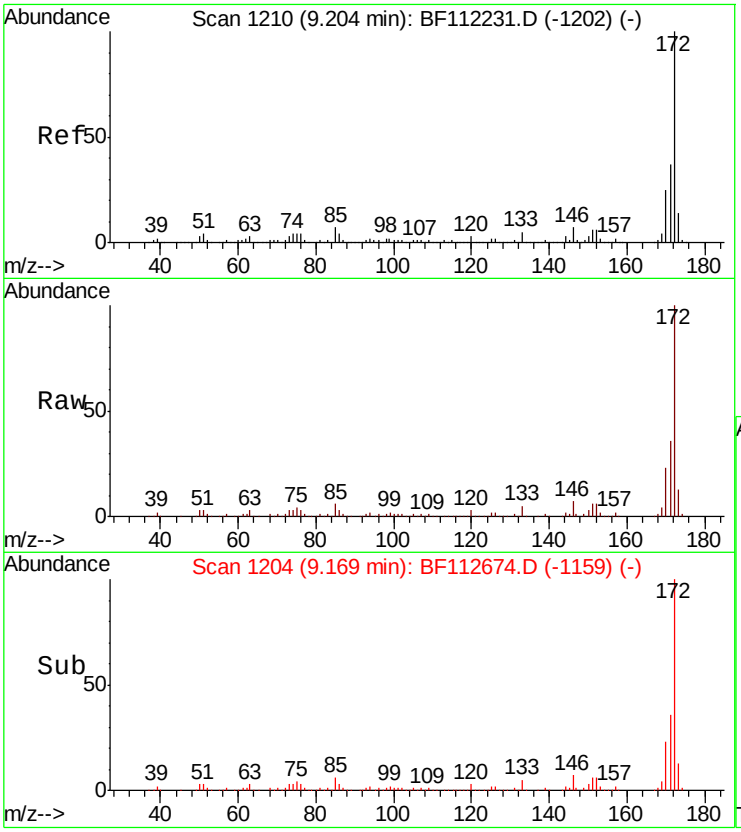


#42
2,4,6-Tribromophenol
Concen: 87.609 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.04 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:330 Resp: 95527

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.6	114.8
141	36.5	24.3	36.5



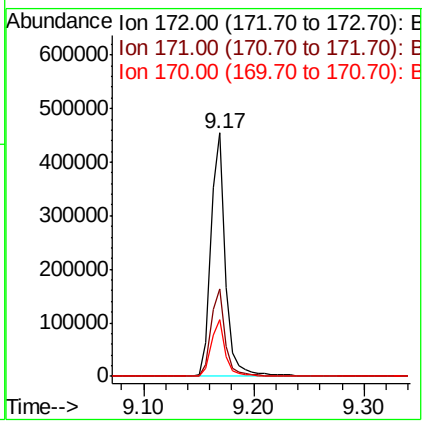


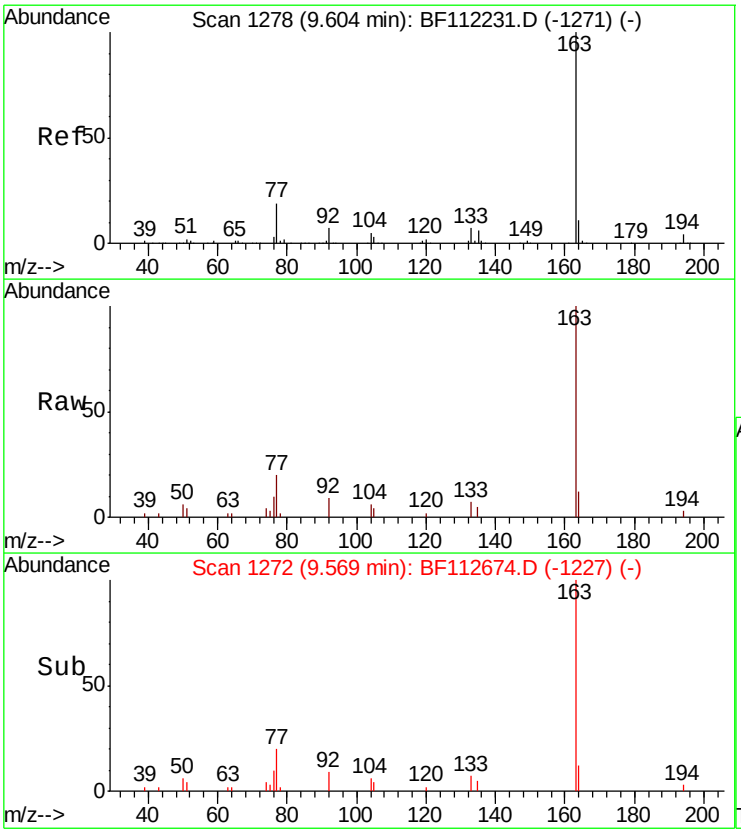
#45
2-Fluorobiphenyl
Concen: 61.579 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:172 Resp: 407862

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	23.1	20.2	30.4

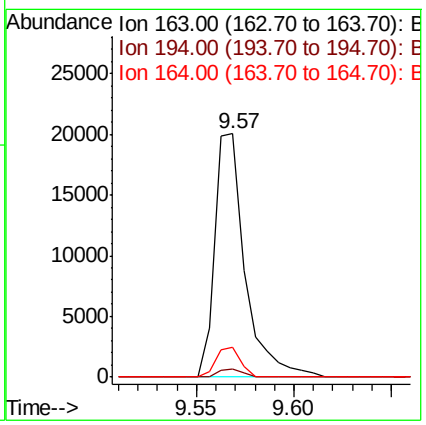


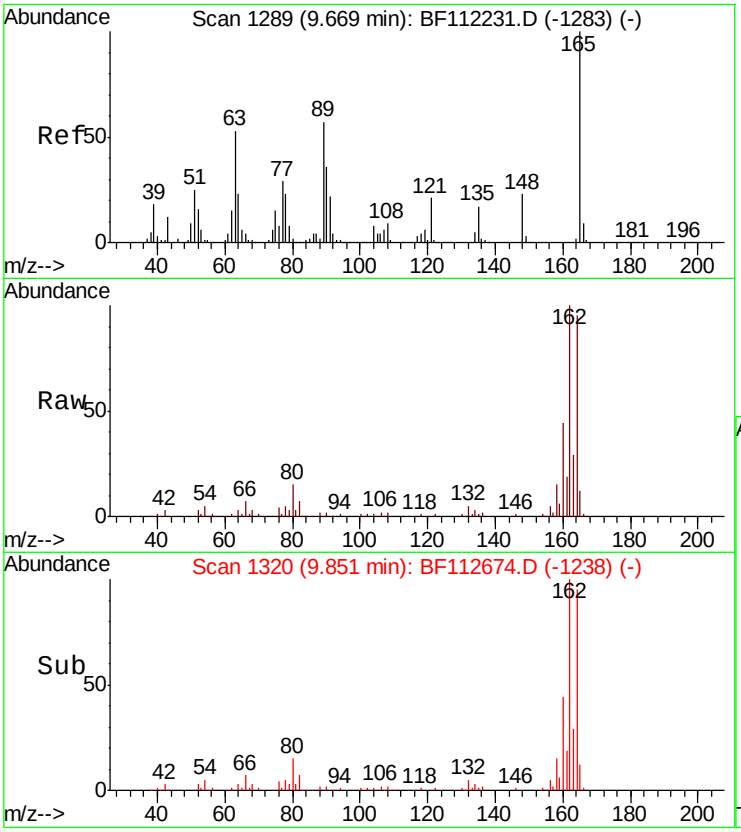


#50
Dimethylphthalate
Concen: 2.964 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:163 Resp: 21576

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.3	4.9
164	12.3	8.5	12.7



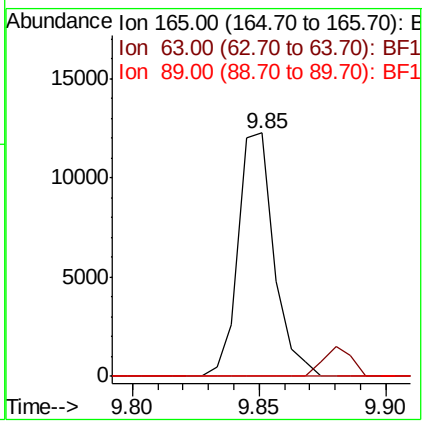


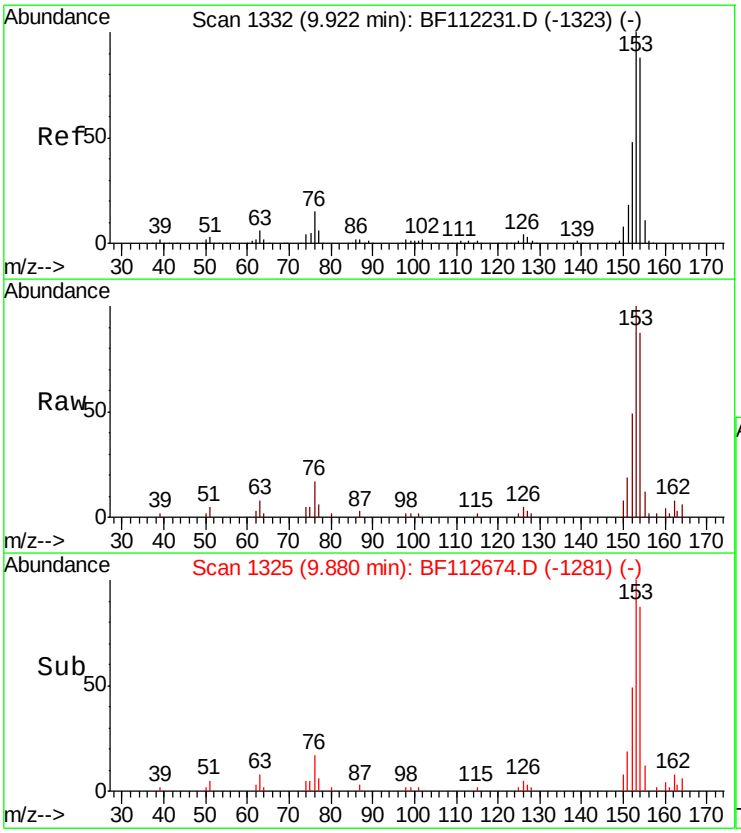
#51
2,6-Dinitrotoluene
Concen: 7.413 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.18 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:165 Resp: 12084

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	0.0	36.9	55.3#

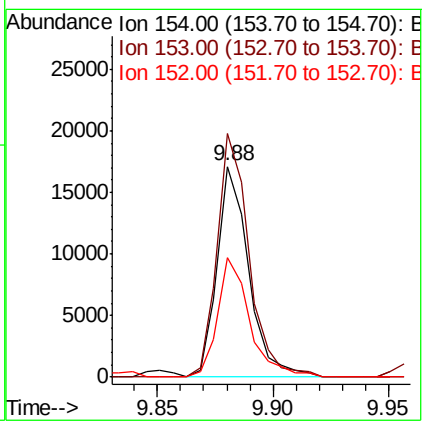


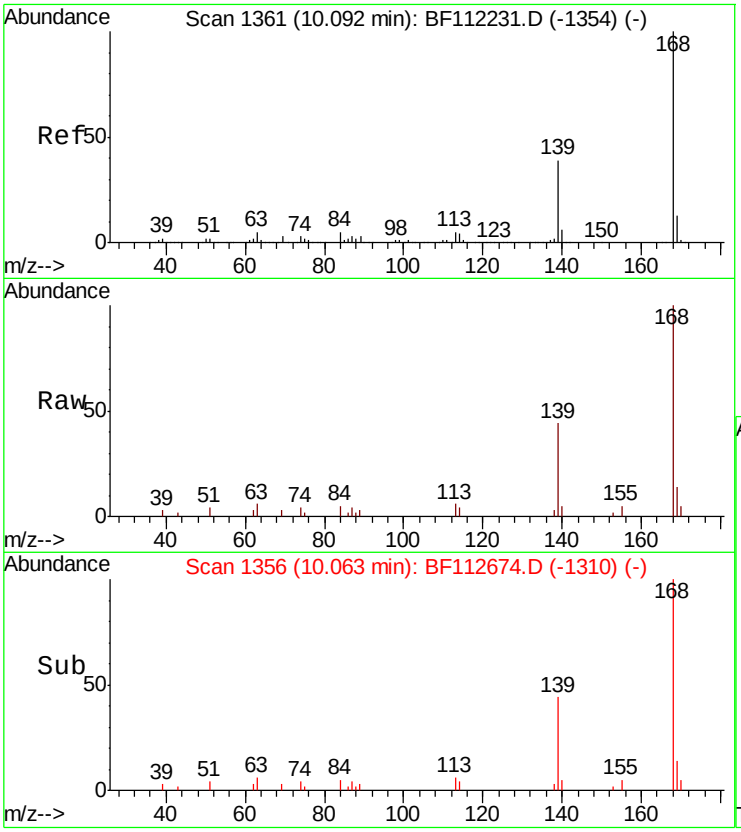


#52
Acenaphthene
Concen: 2.915 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.04 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:154 Resp: 16208

Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.8	134.6
152	56.6	43.5	65.3



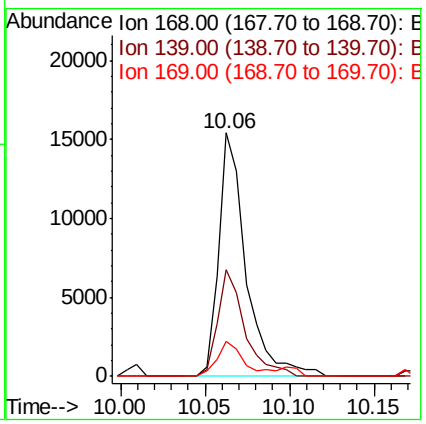


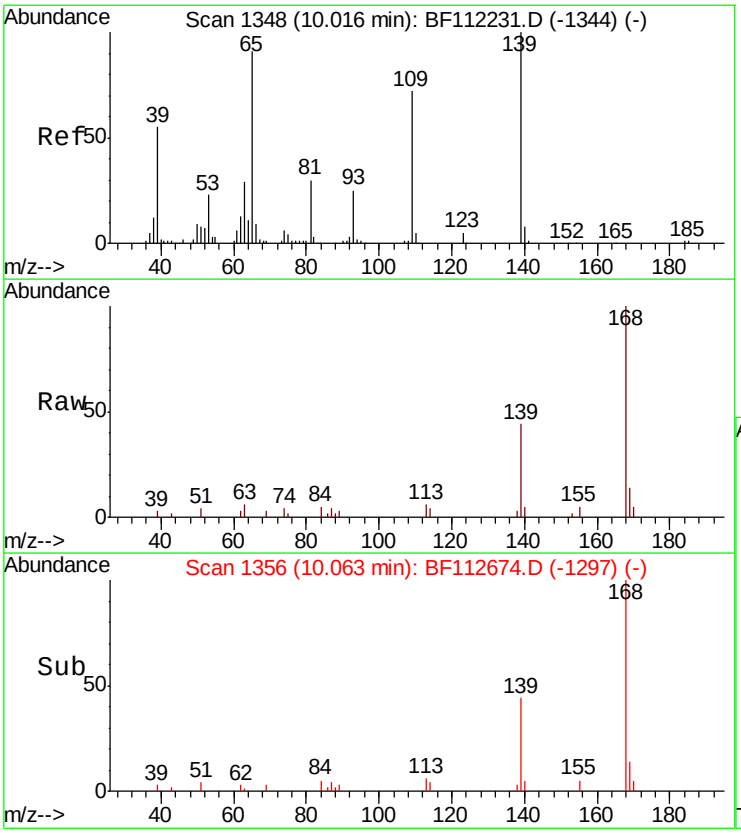
#55
Dibenzofuran
Concen: 2.049 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:168 Resp: 17407

Ion	Ratio	Lower	Upper
168	100		
139	43.9	29.2	43.8#
169	14.1	11.4	17.0

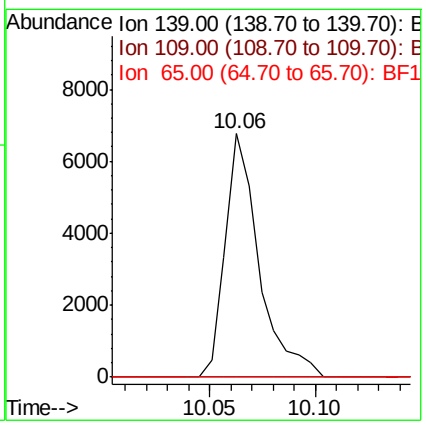


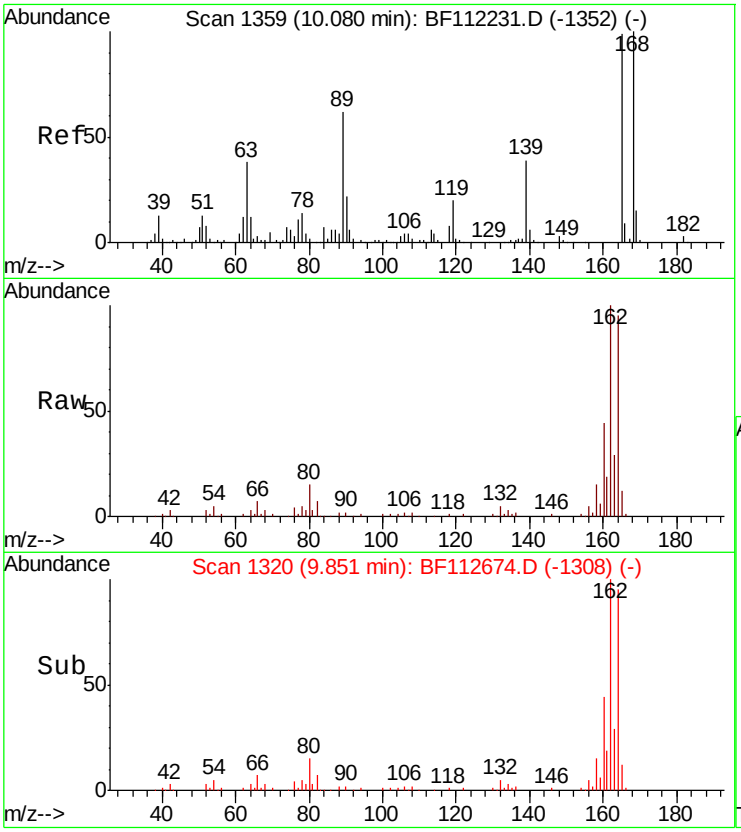


#56
4-Nitrophenol
Concen: 8.051 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.05 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:139 Resp: 7517

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.1	106.1#



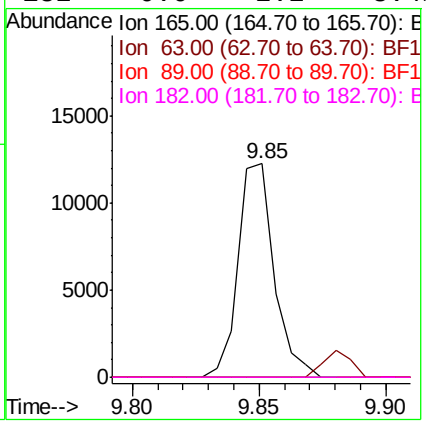


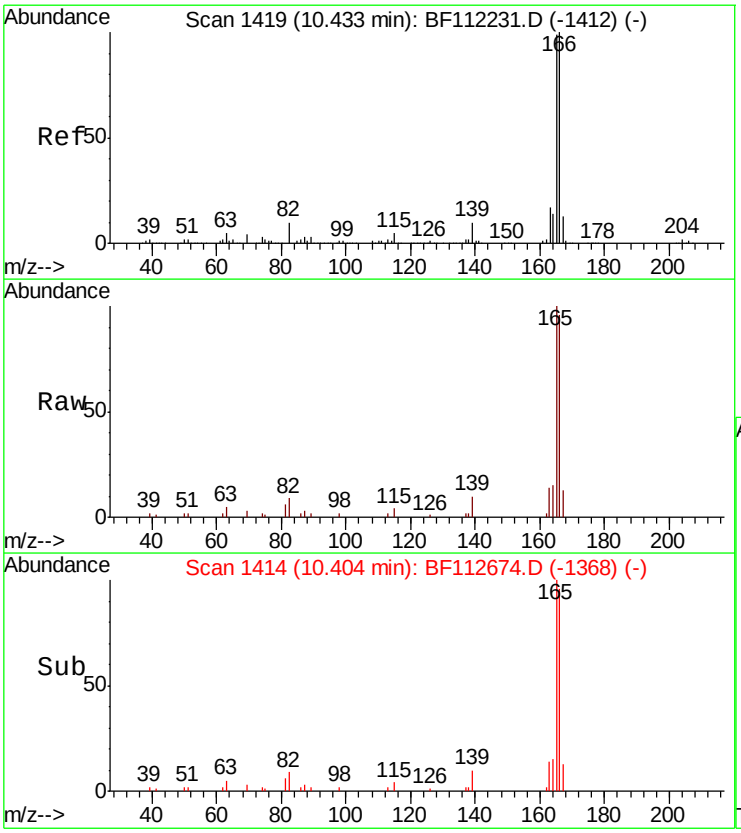
#57
2,4-Dinitrotoluene
Concen: 5.823 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.23 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:165 Resp: 12084

Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.9	41.9#
89	0.0	47.9	71.9#
182	0.0	2.2	3.4#

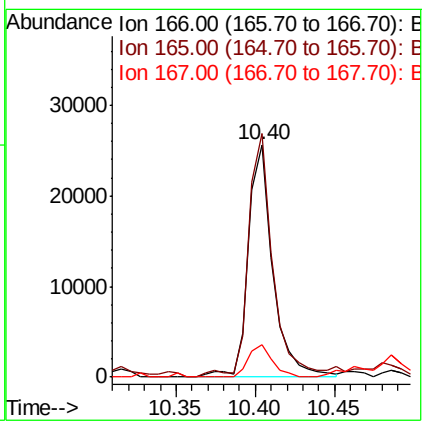


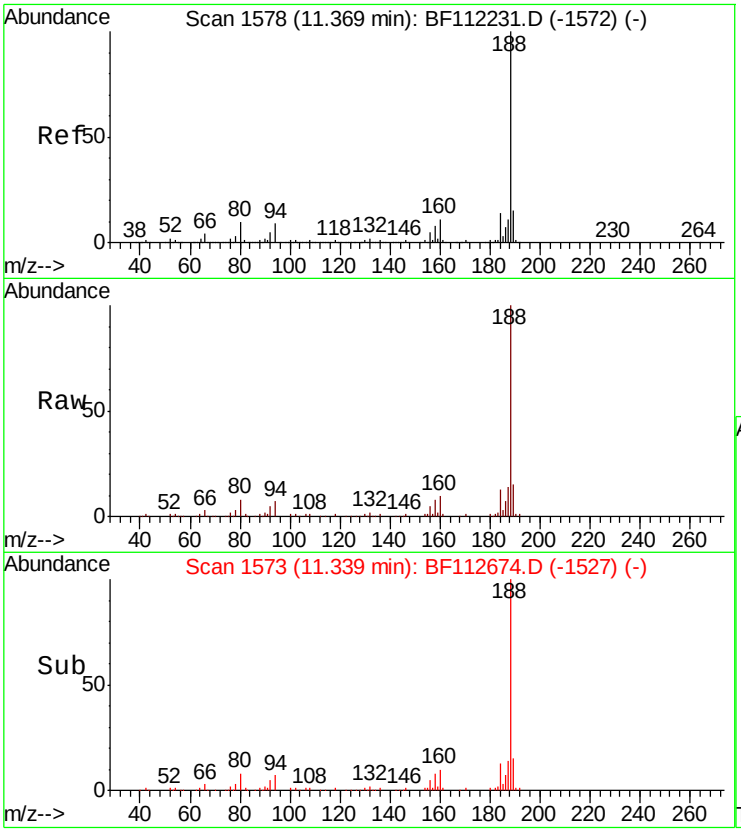


#58
Fluorene
Concen: 4.355 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:166 Resp: 27694

Ion	Ratio	Lower	Upper
166	100		
165	104.7	77.1	115.7
167	13.9	11.3	16.9



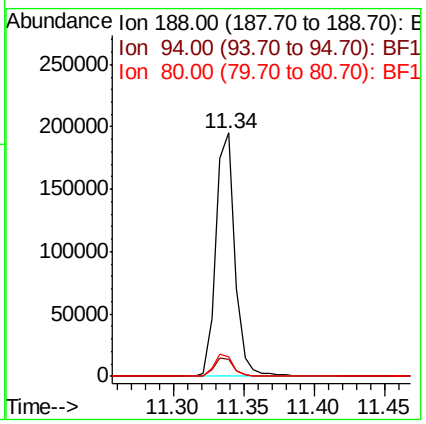


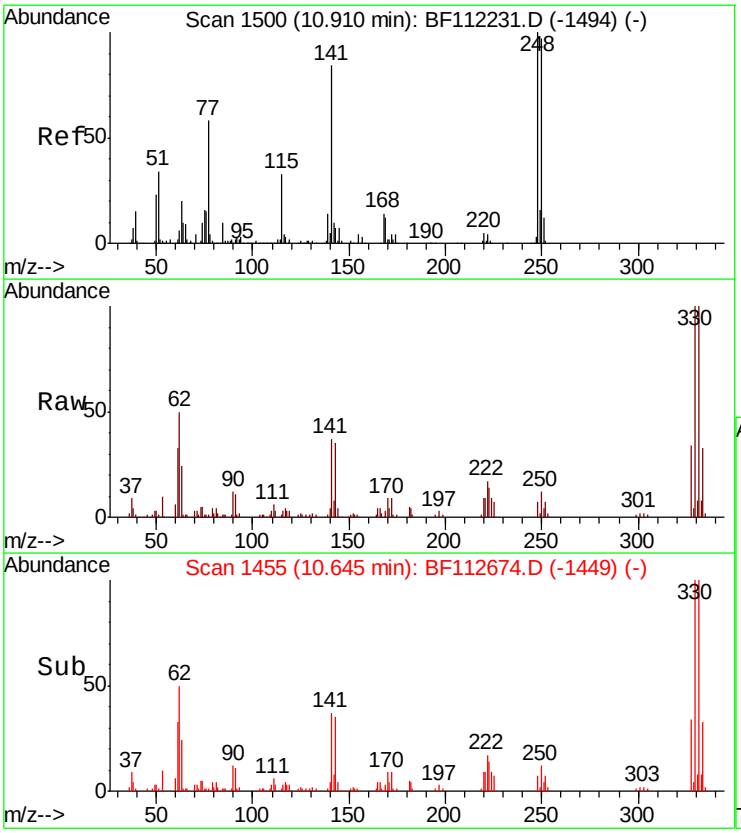
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:188 Resp: 183142

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.2	12.2#
80	7.9	8.9	13.3#

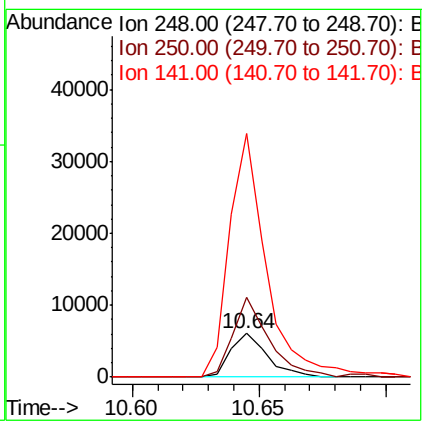


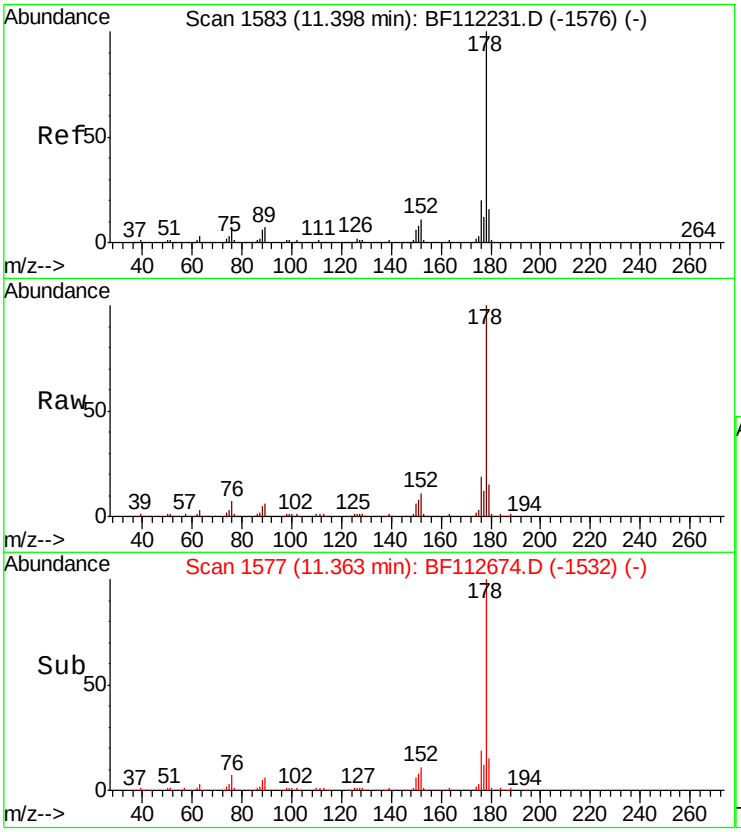


#67
4-Bromophenyl-phenylether
Concen: 2.835 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.26 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:248 Resp: 6106

Ion	Ratio	Lower	Upper
248	100		
250	183.9	79.7	119.5#
141	557.4	60.3	90.5#



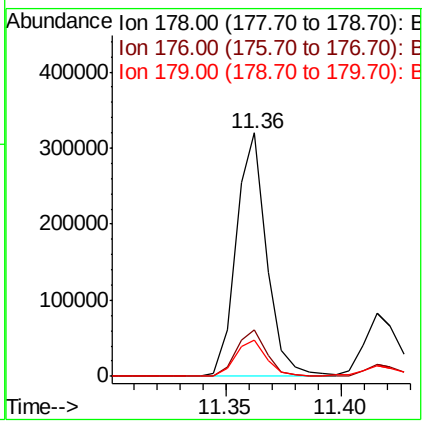


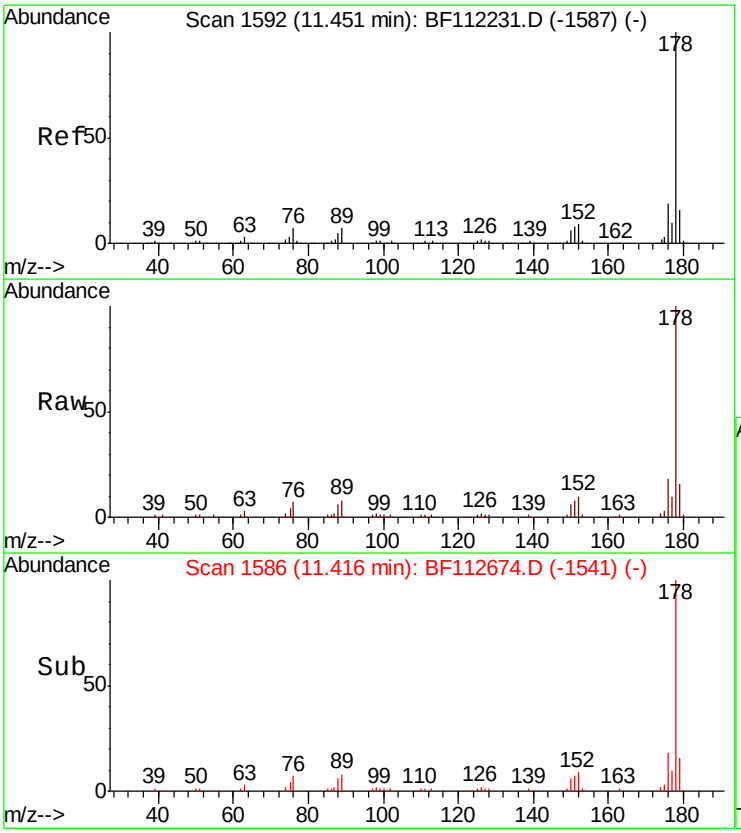
#71
Phenanthrene
Concen: 30.923 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:178 Resp: 294430

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	15.0	13.0	19.4

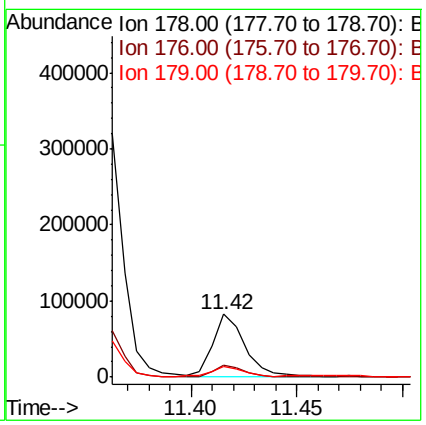


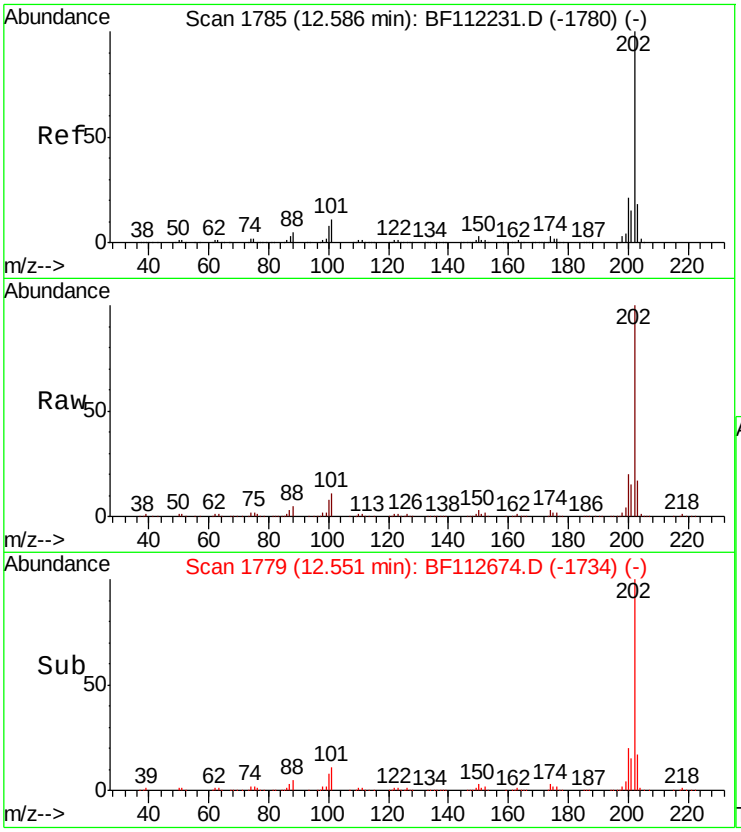


#72
Anthracene
Concen: 9.039 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.04 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:178 Resp: 85734

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.5	23.3
179	16.2	12.8	19.2



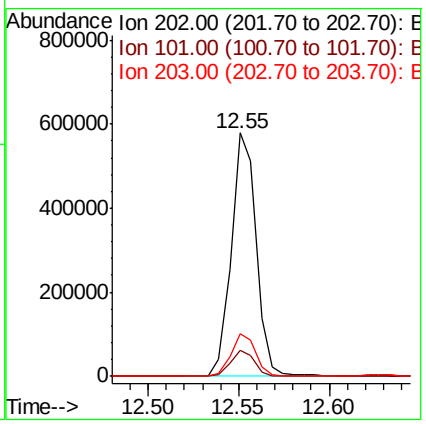


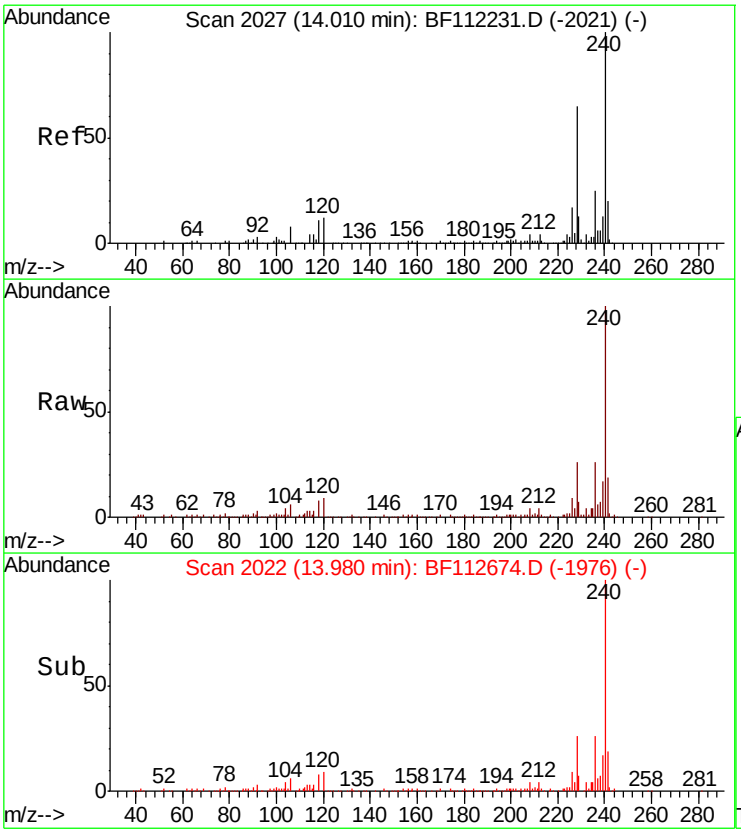
#75
Fluoranthene
Concen: 54.259 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.04 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:202 Resp: 554102

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.8
203	17.3	0.0	38.4

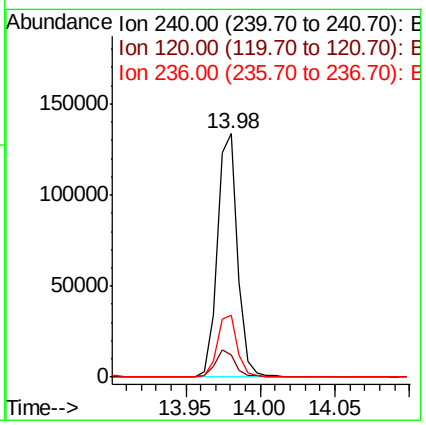


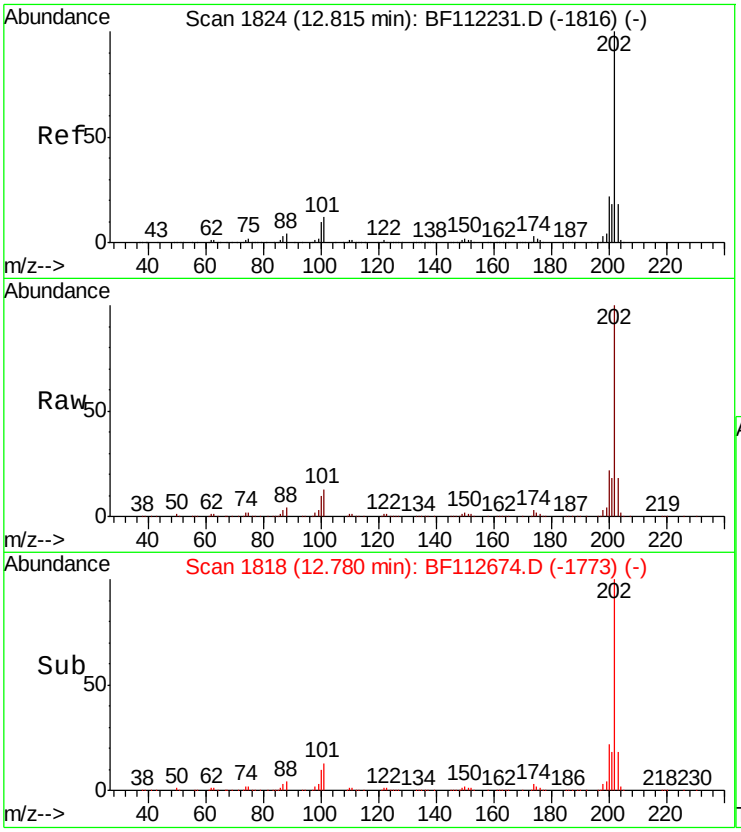


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:240 Resp: 127179

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.0	13.6#
236	25.6	20.7	31.1



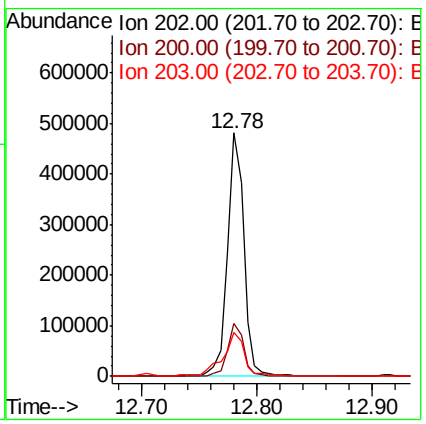


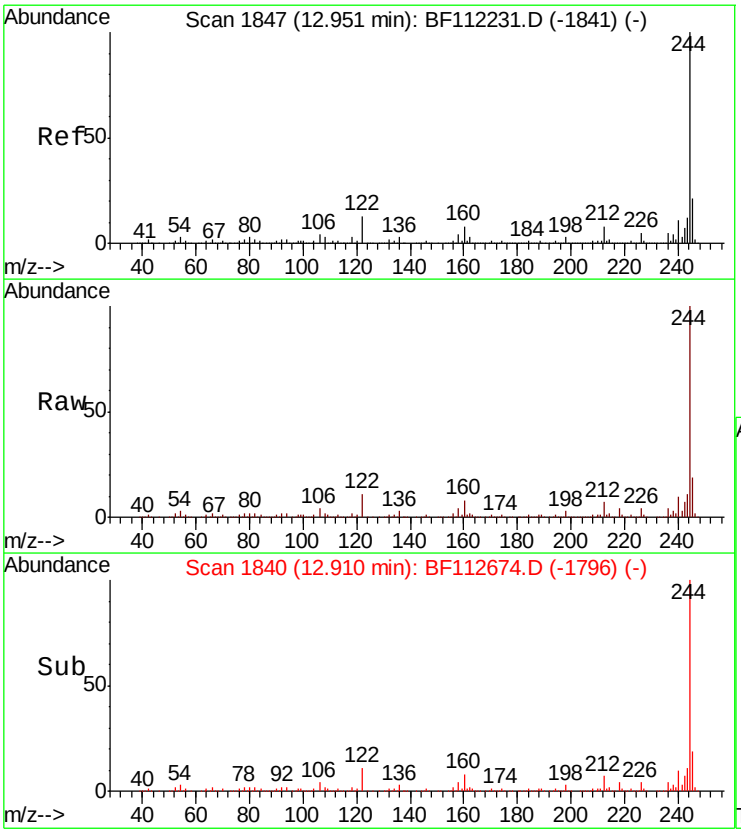
#78
Pyrene
Concen: 53.637 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.04 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:202 Resp: 472279

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	18.0	14.6	22.0

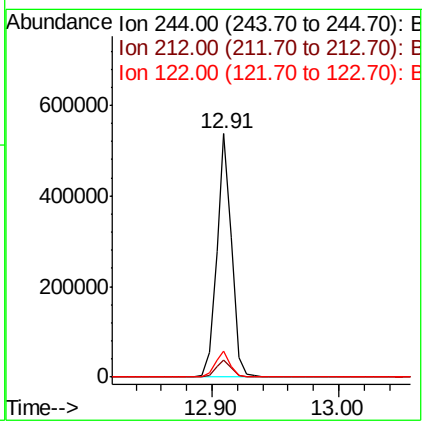


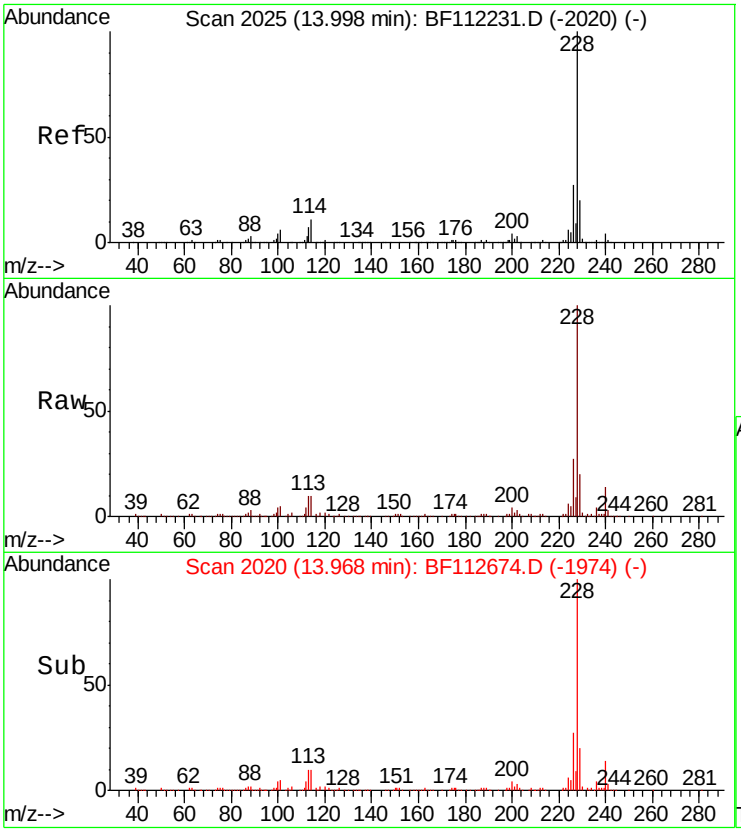


#79
Terphenyl-d14
Concen: 64.902 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:244 Resp: 438247

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.8	9.8	14.6



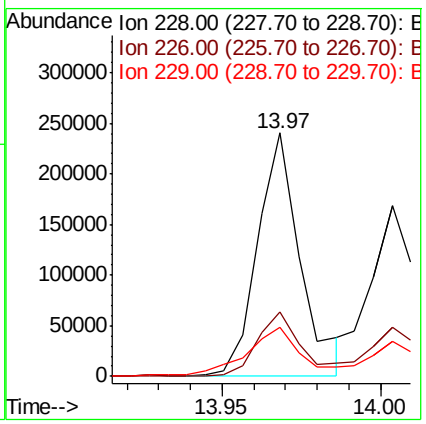


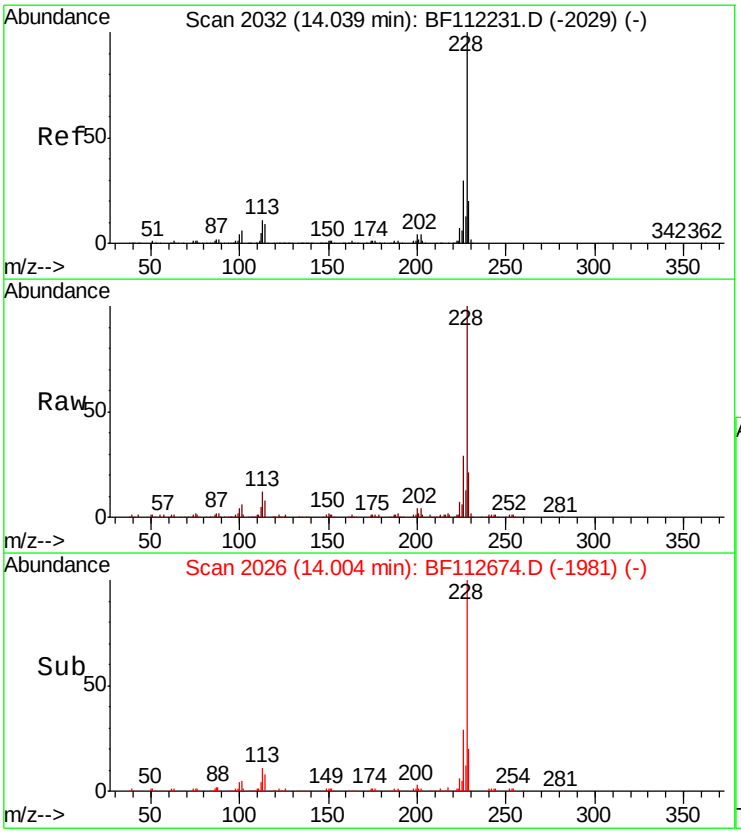
#81
Benzo(a)anthracene
Concen: 29.957 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:228 Resp: 223963

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	34.0
229	20.2	16.5	24.7

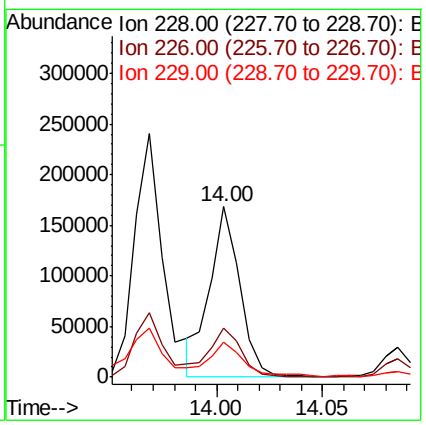


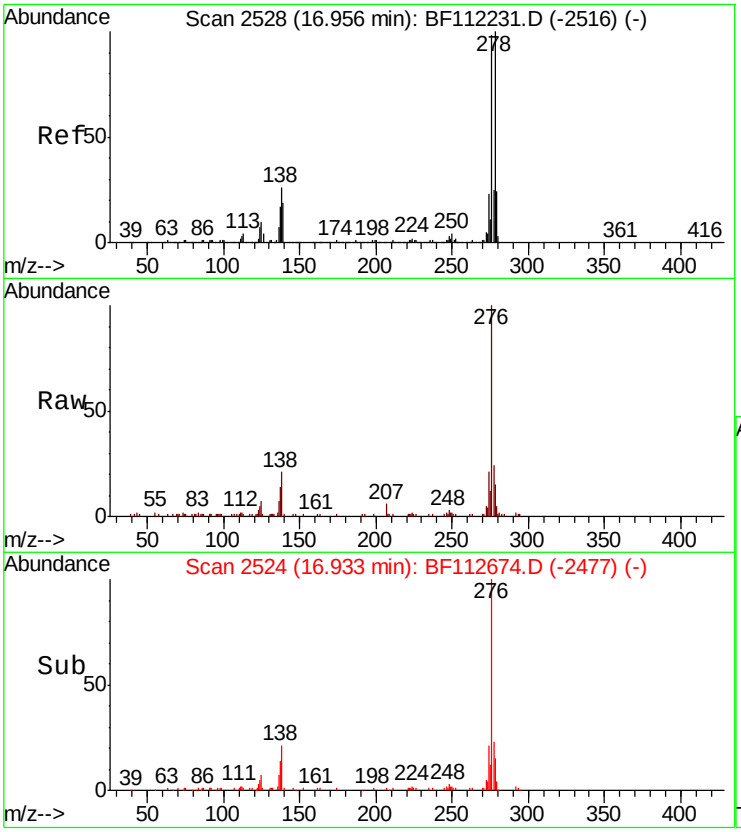


#83
Chrysene
Concen: 23.205 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:228 Resp: 165600

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	20.6	16.6	24.8



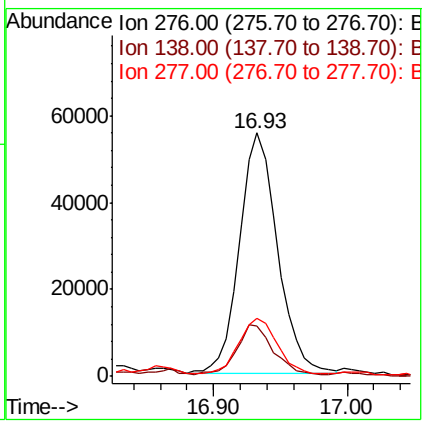


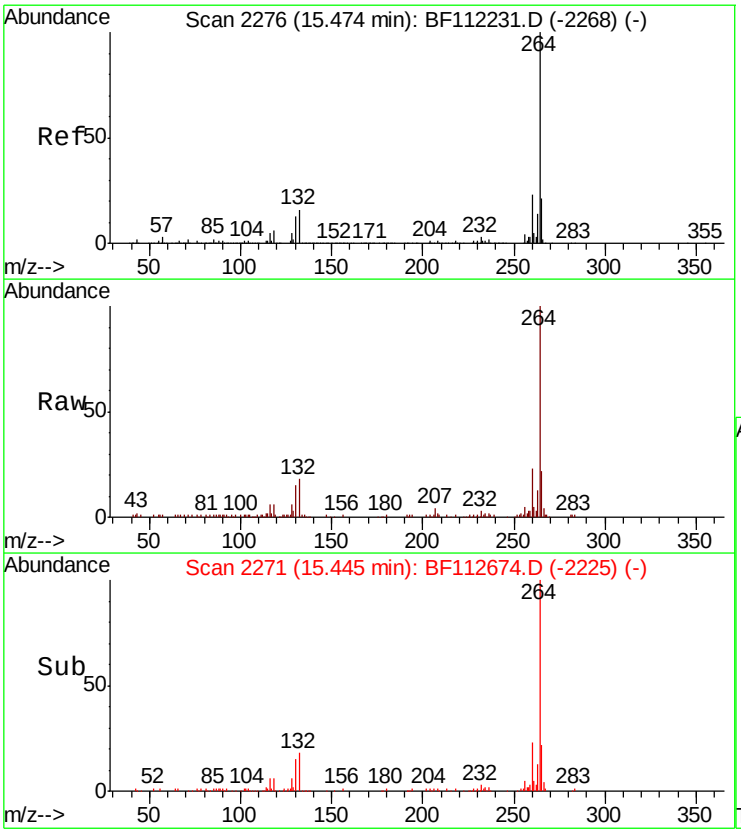
#86
Indeno(1,2,3-cd)pyrene
Concen: 19.180 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:276 Resp: 108457

Ion	Ratio	Lower	Upper
276	100		
138	22.0	22.6	34.0#
277	23.1	20.3	30.5

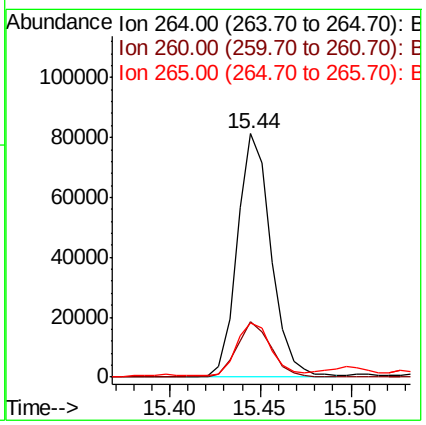


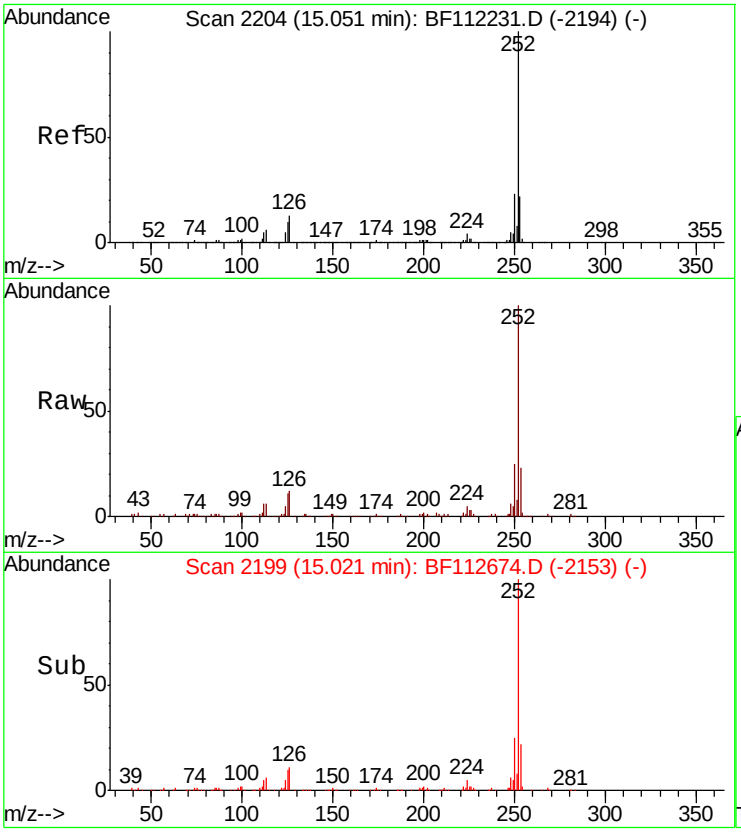


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.03 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:264 Resp: 104838

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	22.4	17.0	25.4



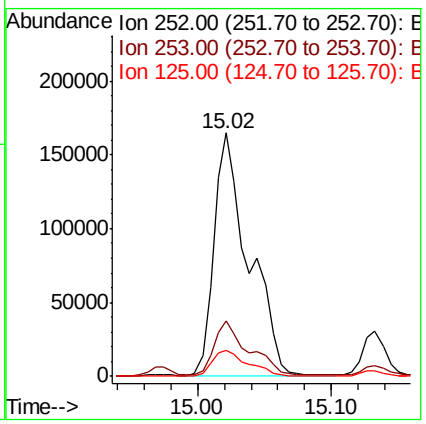


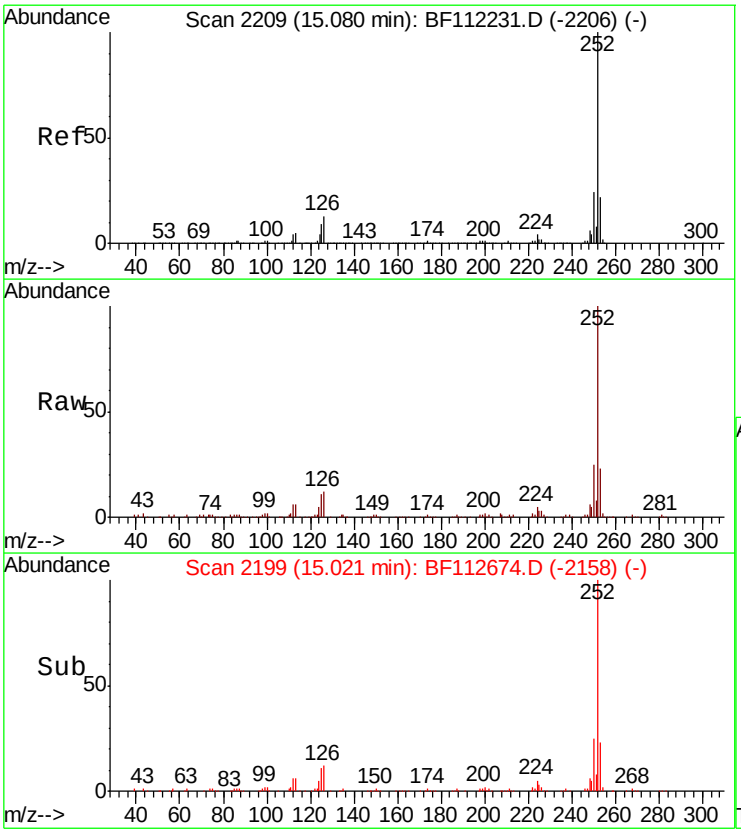
#88
Benzo(b)fluoranthene
Concen: 47.412 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:252 Resp: 297265

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.7	8.7	13.1

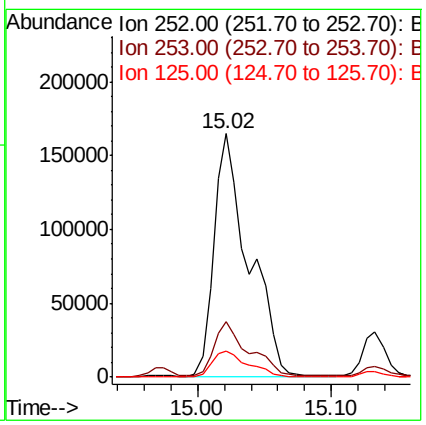


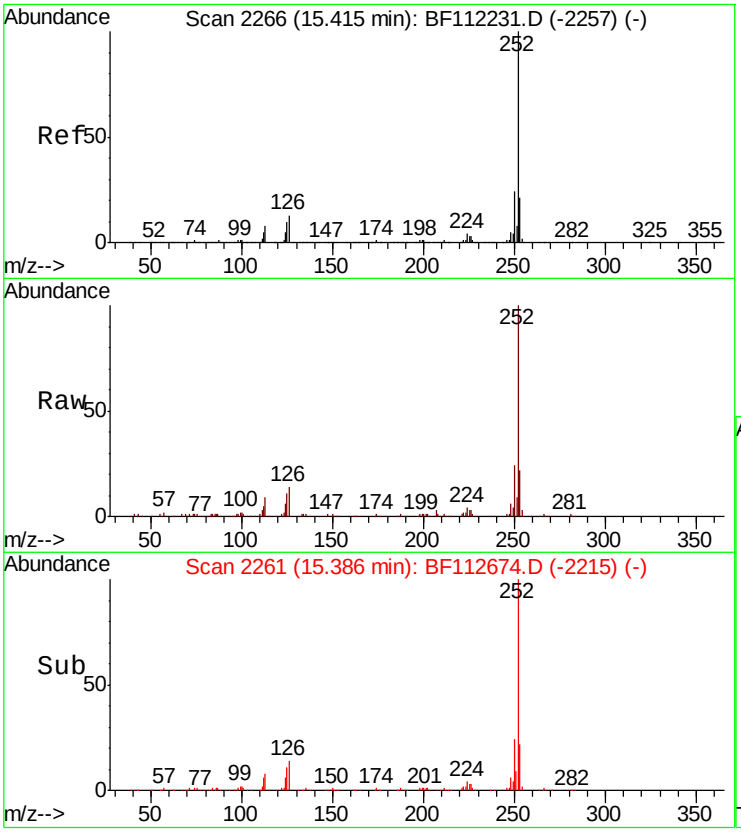


#89
Benzo(k)fluoranthene
Concen: 49.498 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.06 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:252 Resp: 297265

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.7	9.1	13.7



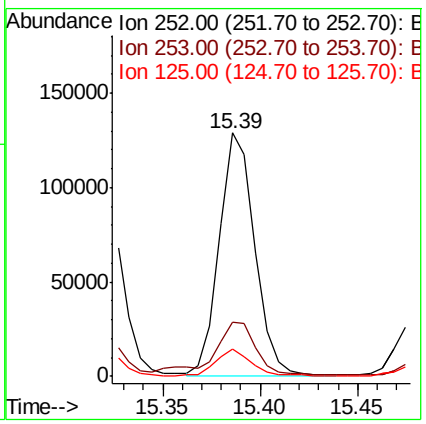


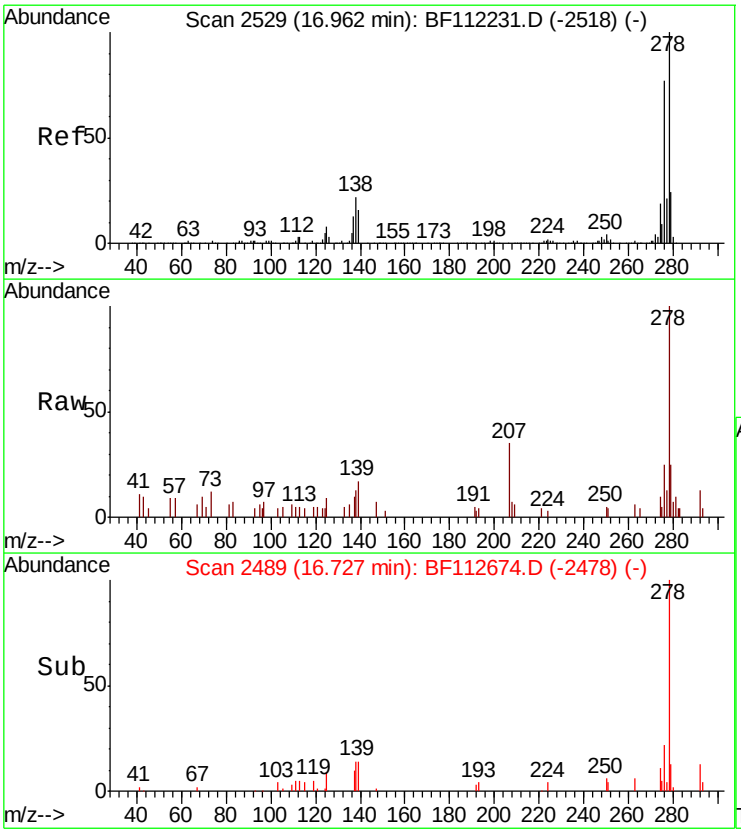
#90
Benzo(a)pyrene
Concen: 28.647 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.03 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:252 Resp: 161614

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.0	9.0	13.4

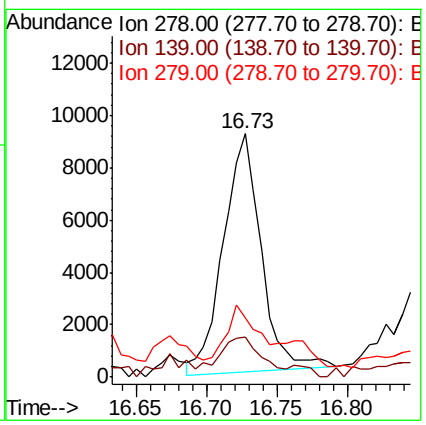


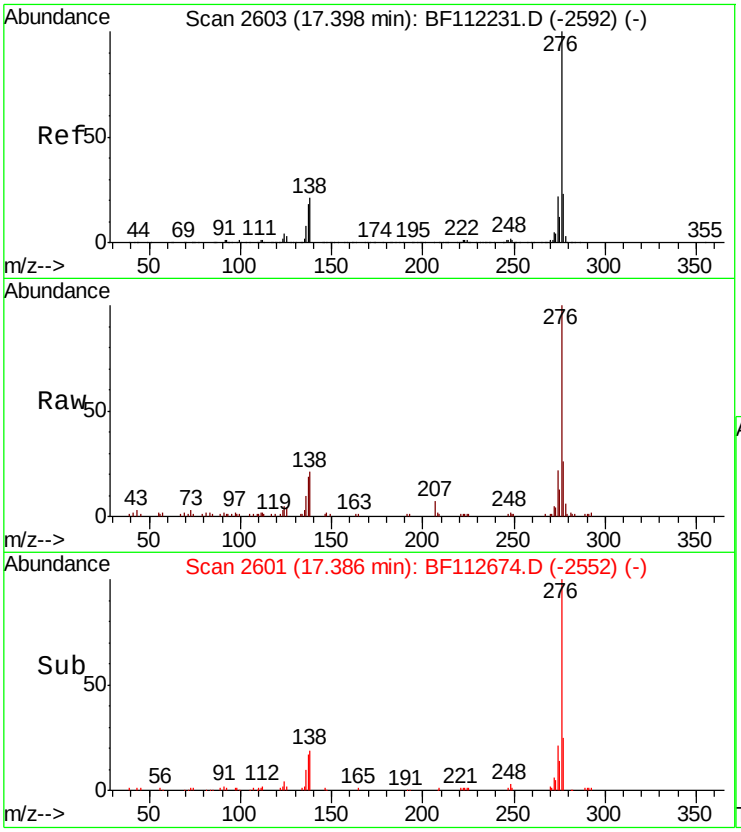


#91
Dibenzo(a,h)anthracene
Concen: 3.740 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.24 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Tgt Ion:278 Resp: 17005

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.7	20.5
279	24.6	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 24.386 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BF112674.D
Acq: 22 Feb 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:276 Resp: 104608

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.0
138	20.9	19.1	28.7