Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111551.D
Acq On : 17 Dec 2018 20:54
Operator : JU/SJ
Sample : J6403-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-A

Quant Time: Dec 18 04:11:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	126154	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	515870	20.00	ng		-0.01
39) Acenaphthene-d10	9.82	164	241044	20.00	ng		-0.01
64) Phenanthrene-d10	11.31	188	401762	20.00	ng		0.00
76) Chrysene-d12	13.95	240	244699	20.00	ng		0.00
87) Perylene-d12	15.39	264	253668	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	658470	86.86	ng		0.00
7) Phenol-d6	6.44	99	847852	84.08	ng		0.00
23) Nitrobenzene-d5	7.35	82	509115	58.77	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	172380	79.83	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	882158	56.53	ng		-0.01
79) Terphenyl-d14	12.89	244	628500	60.31	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	52520	4.675	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	68052	10.229	ng	#	84
25) Isophorone	7.35	82	509106	34.732	ng	#	64
31) Naphthalene	8.09	128	308941	12.804	ng		95
33) 4-Chloroaniline	8.09	127	38832	3.619	ng	#	34
37) 2-Methylnaphthalene	8.78	142	103630	6.347	ng		97
38) 1-Methylnaphthalene	8.88	142	84738	5.372	ng		98
50) Dimethylphthalate	9.54	163	104786	6.036	ng		97
52) Acenaphthene	9.86	154	262025	17.990	ng		99
55) Dibenzofuran	10.03	168	299174	14.151	ng		98
56) 4-Nitrophenol	10.03	139	115012	35.016	ng	#	9
58) Fluorene	10.37	166	395767	25.809	ng		97
67) 4-Bromophenyl-phenylether	10.62	248	11835	2.733	ng	#	1
71) Phenanthrene	11.35	178	2891099	139.653	ng		96
72) Anthracene	11.39	178	815609	38.524	ng		95
73) Carbazole	11.54	167	312286	14.264	ng		95
75) Fluoranthene	12.53	202	2273331	112.248	ng		99
78) Pyrene	12.76	202	1833082	106.253	ng		98
81) Benzo(a)anthracene	13.94	228	814071	61.184	ng		98
83) Chrysene	13.98	228	697024	49.729	ng		97
86) Indeno(1,2,3-cd)pyrene	16.81	276	304601	30.111	ng	#	86
88) Benzo(b)fluoranthene	14.98	252	1050492	71.031	ng		100
89) Benzo(k)fluoranthene	14.98	252	1050492	74.338	ng		100
90) Benzo(a)pyrene	15.33	252	599035	44.917	ng		95
91) Dibenzo(a,h)anthracene	16.82	278	81051	7.704	ng		95
92) Benzo(g,h,i)perylene	17.23	276	258579	25.041	ng	#	93

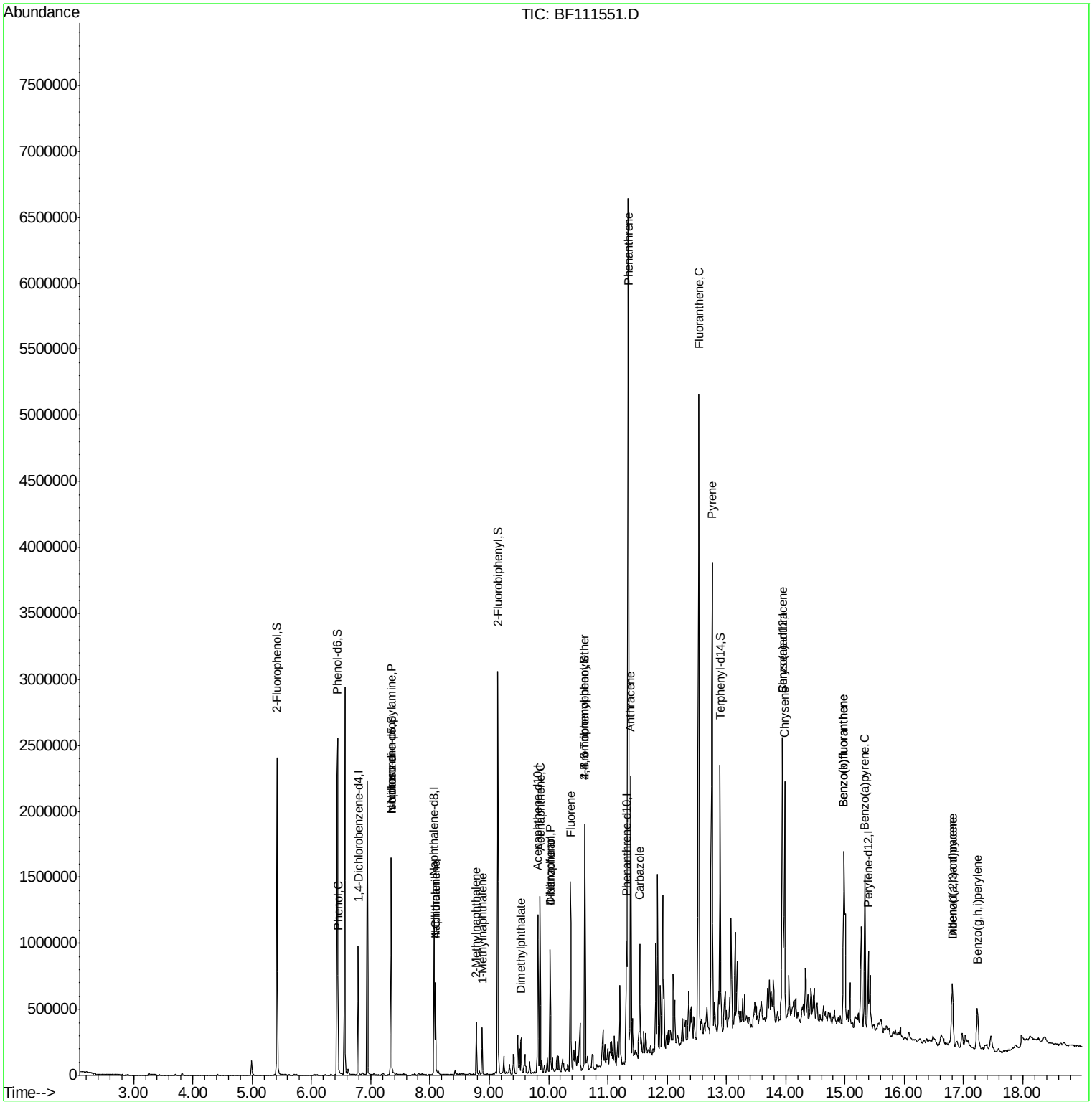
(#) = qualifier out of range (m) = manual integration (+) = signals summed

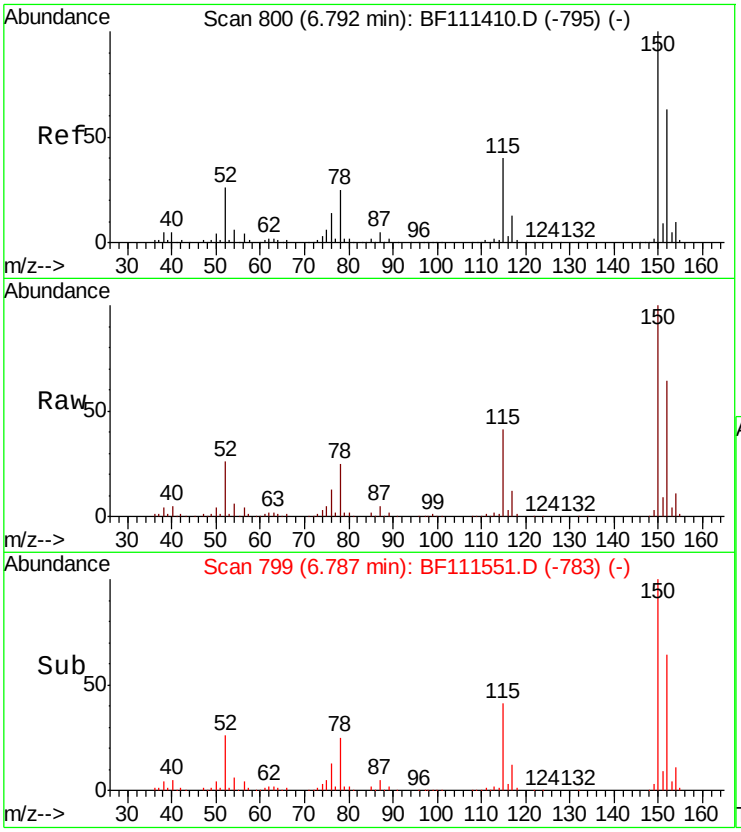
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111551.D
Acq On : 17 Dec 2018 20:54
Operator : JU/SJ
Sample : J6403-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Quant Time: Dec 18 04:11:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



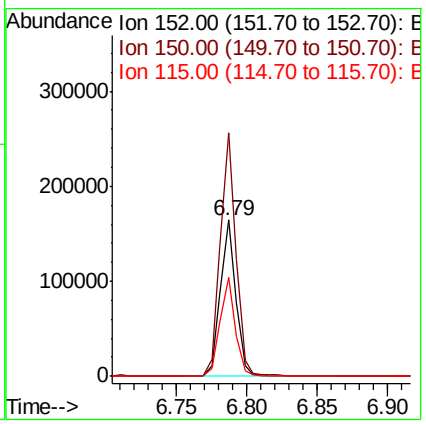


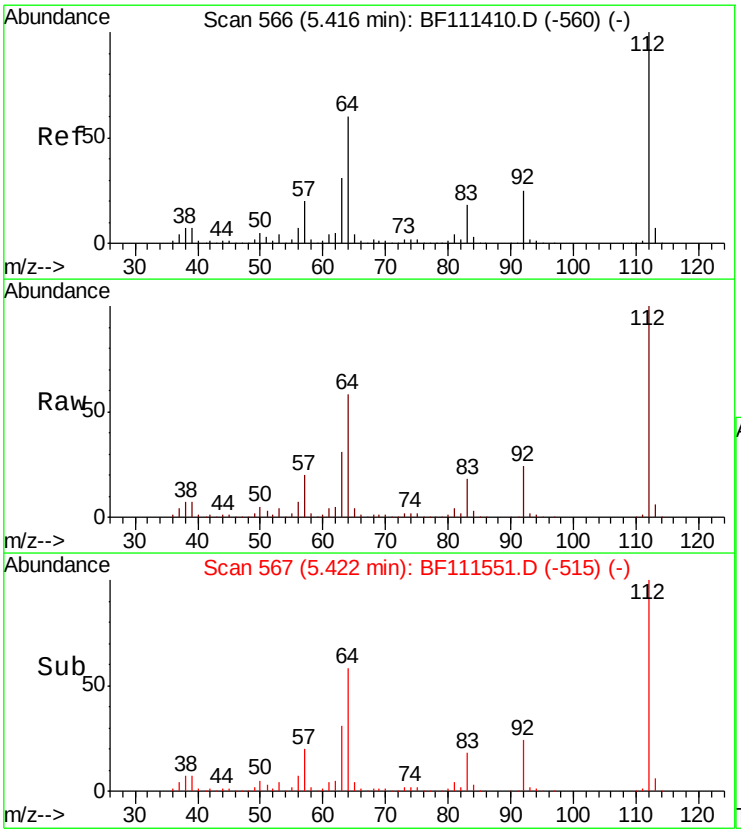
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:152 Resp: 126154

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	189.8
115	63.3	50.7	76.1

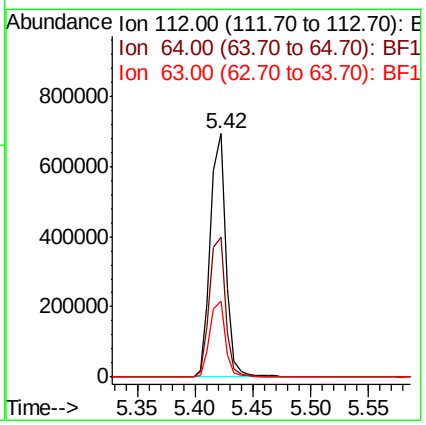


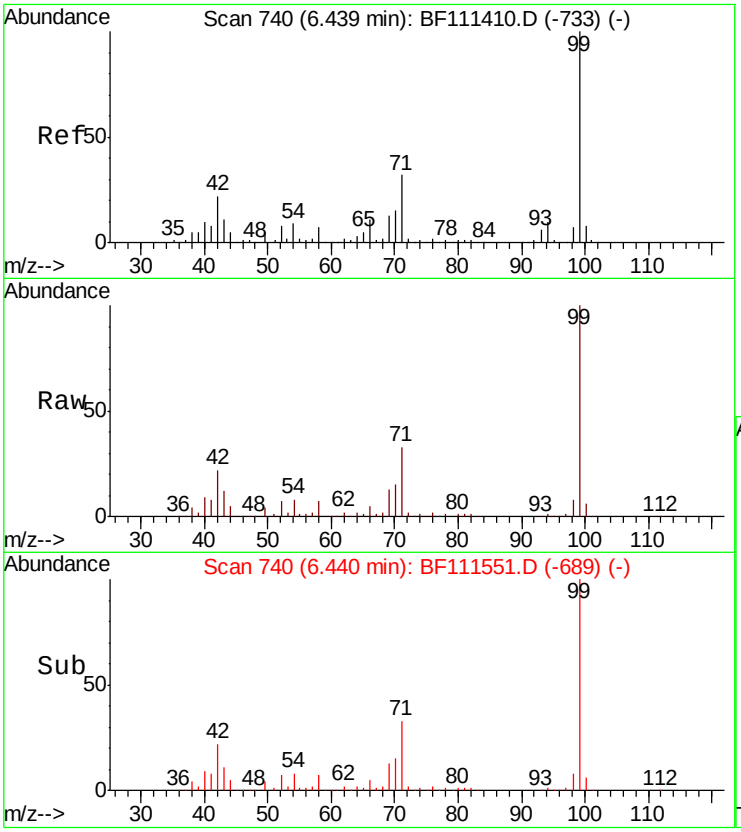


#5
2-Fluorophenol
Concen: 86.857 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:112 Resp: 658470

Ion	Ratio	Lower	Upper
112	100		
64	57.6	51.8	77.6
63	31.0	26.8	40.2



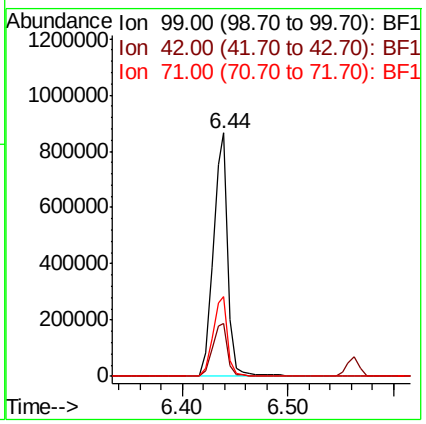


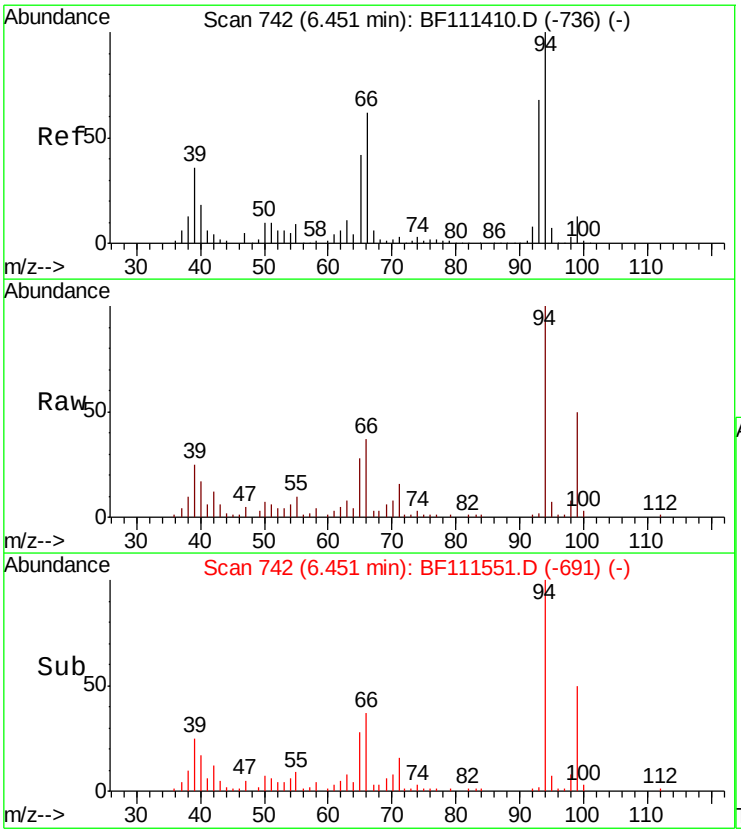
#7
Phenol-d6
Concen: 84.077 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion: 99 Resp: 847852

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.4	26.0
71	32.9	26.1	39.1

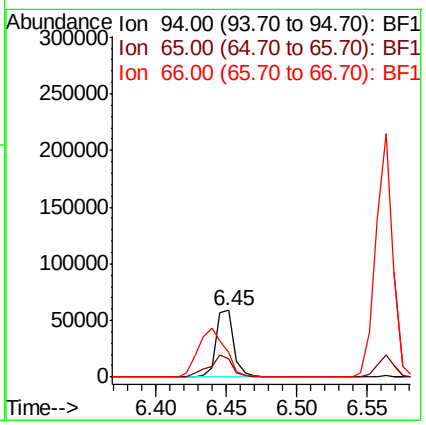


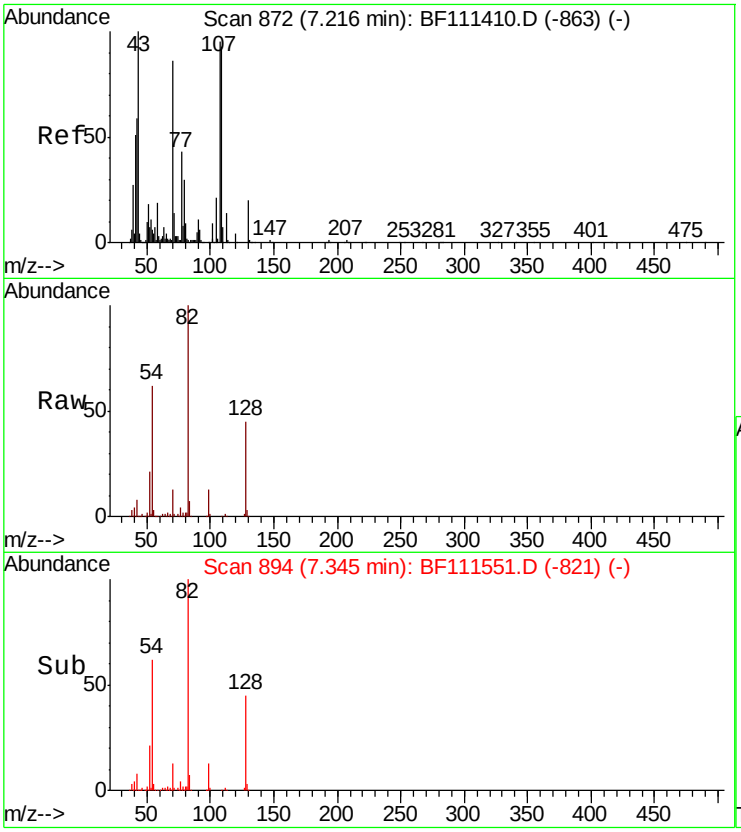


#10
Phenol
Concen: 4.675 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion: 94 Resp: 52520

Ion	Ratio	Lower	Upper
94	100		
65	28.4	11.7	51.7
66	36.8	21.0	61.0



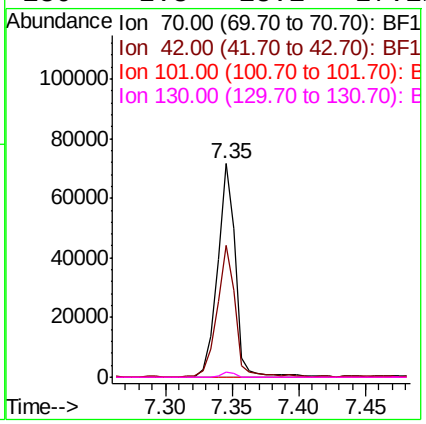


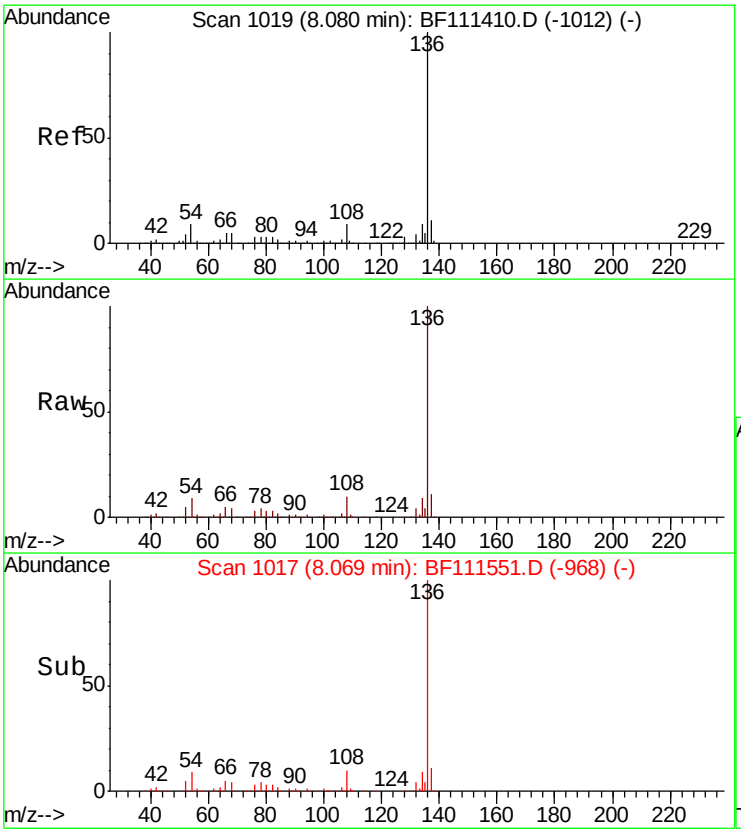
#19
n-Nitroso-di-n-propylamine
Concen: 10.229 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.13 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion: 70 Resp: 68052

Ion	Ratio	Lower	Upper
70	100		
42	62.0	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#

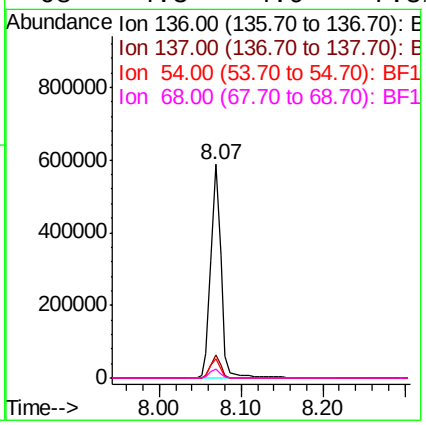


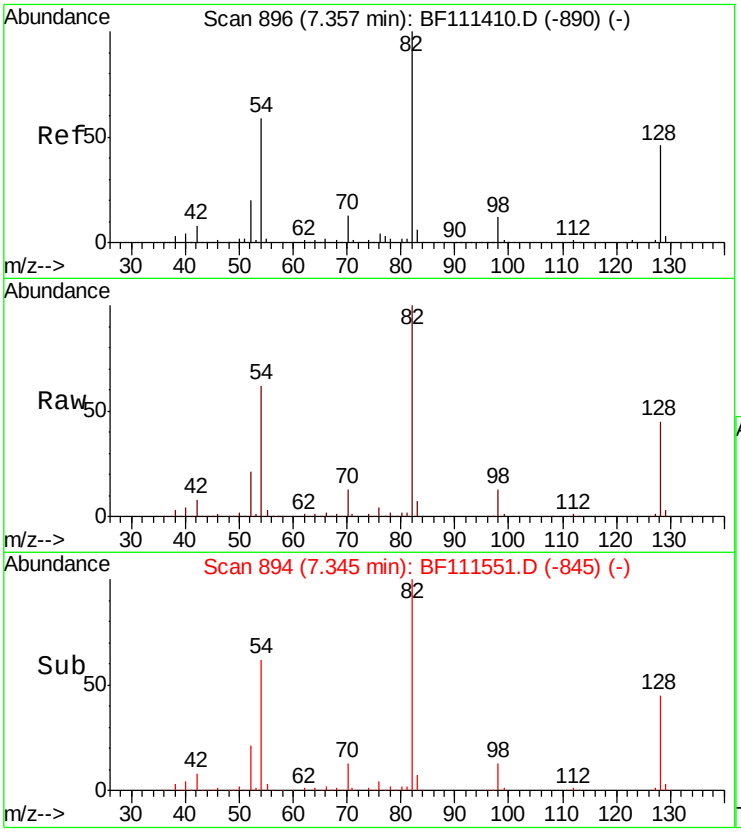


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:136 Resp: 515870

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.2	7.7	11.5
68	4.3	4.9	7.3#



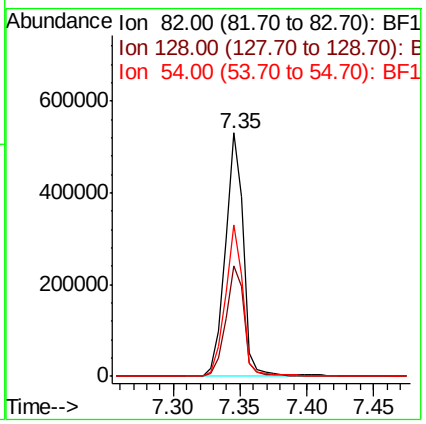


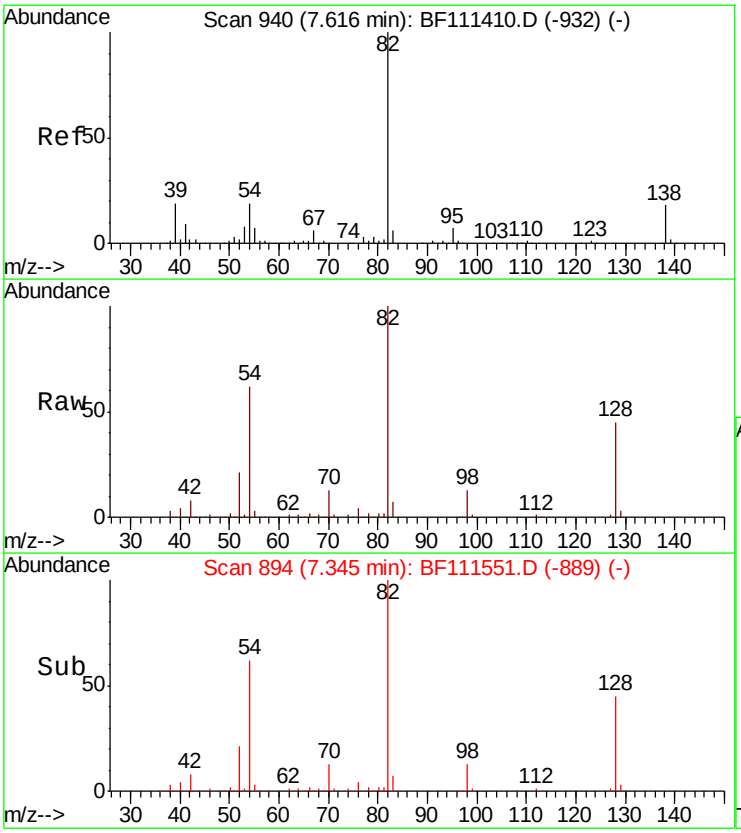
#23
Nitrobenzene-d5
Concen: 58.769 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion: 82 Resp: 509115

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.4	56.2
54	62.0	47.6	71.4

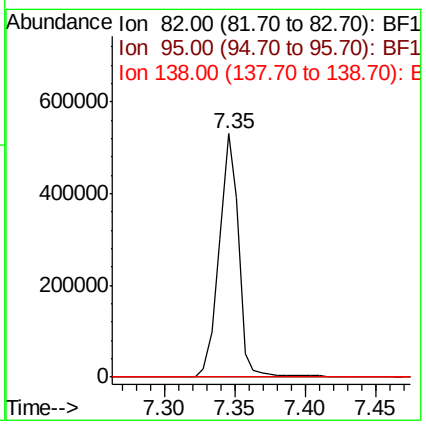


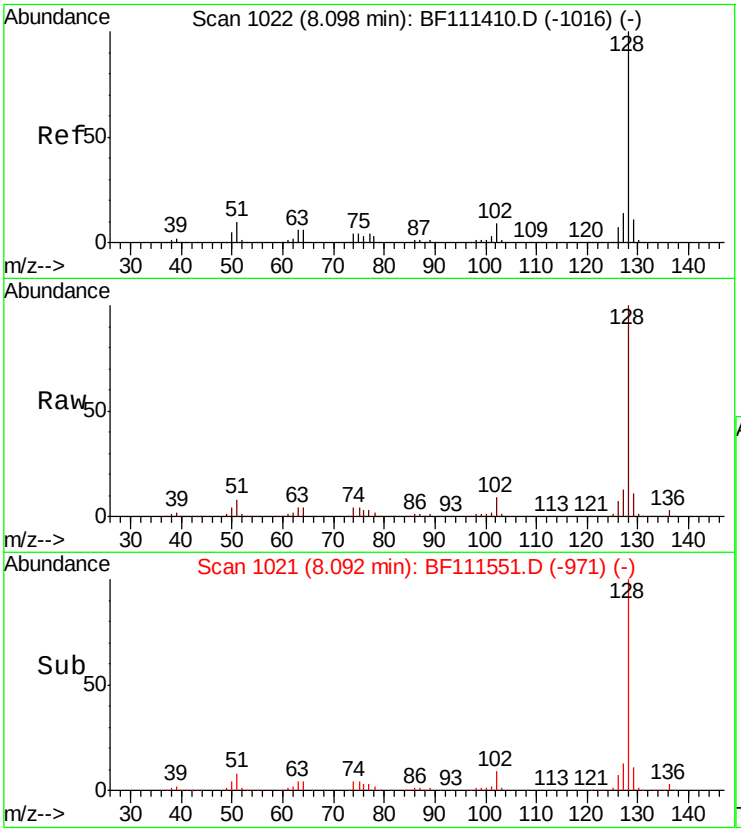


#25
Isophorone
Concen: 34.732 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.27 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion: 82 Resp: 509106

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



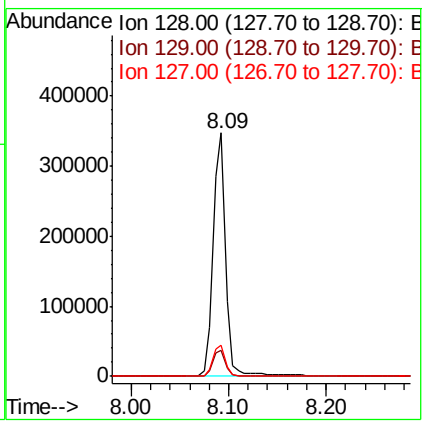


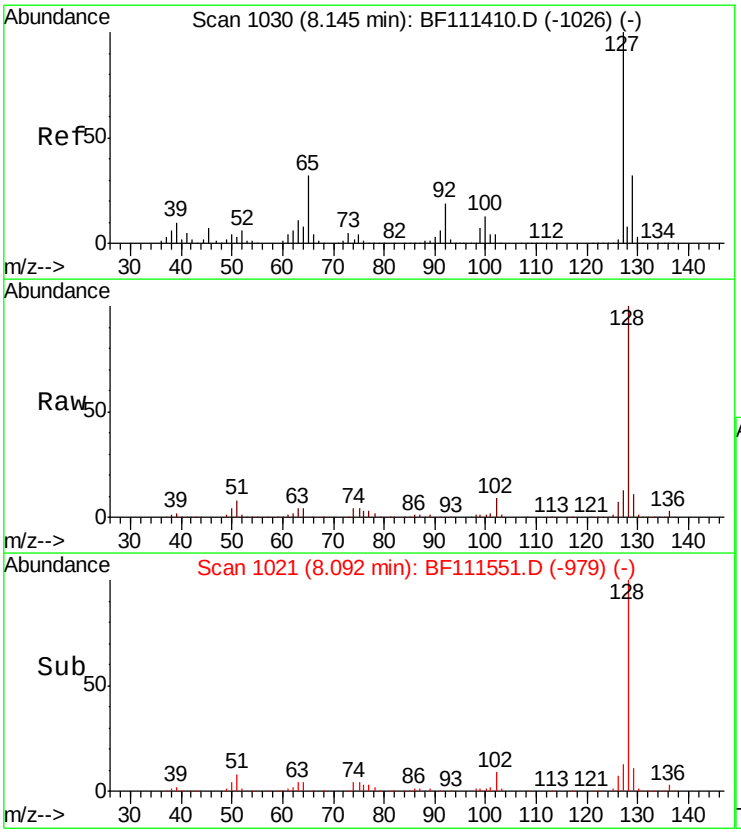
#31
Naphthalene
Concen: 12.804 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:128 Resp: 308941

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.8	14.8
127	12.6	12.0	18.0

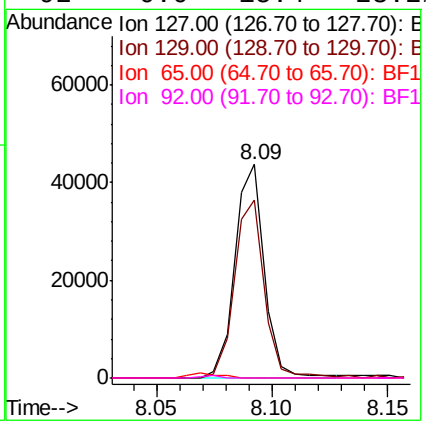


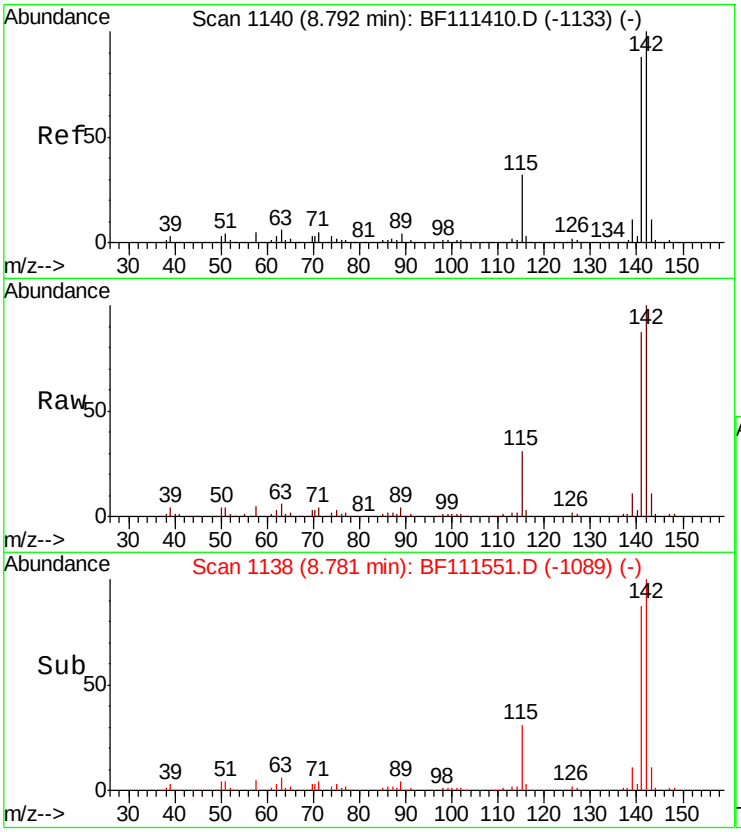


#33
4-Chloroaniline
Concen: 3.619 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:127 Resp: 38832

Ion	Ratio	Lower	Upper
127	100		
129	83.6	26.6	39.8#
65	0.0	25.7	38.5#
92	0.0	15.4	23.2#

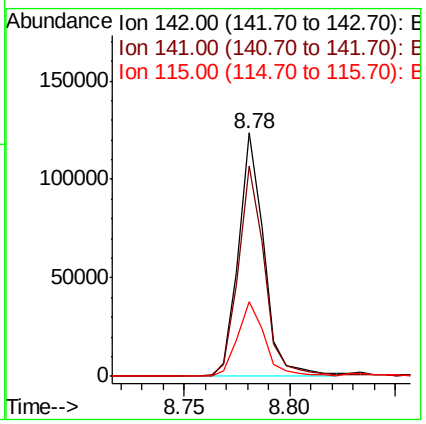




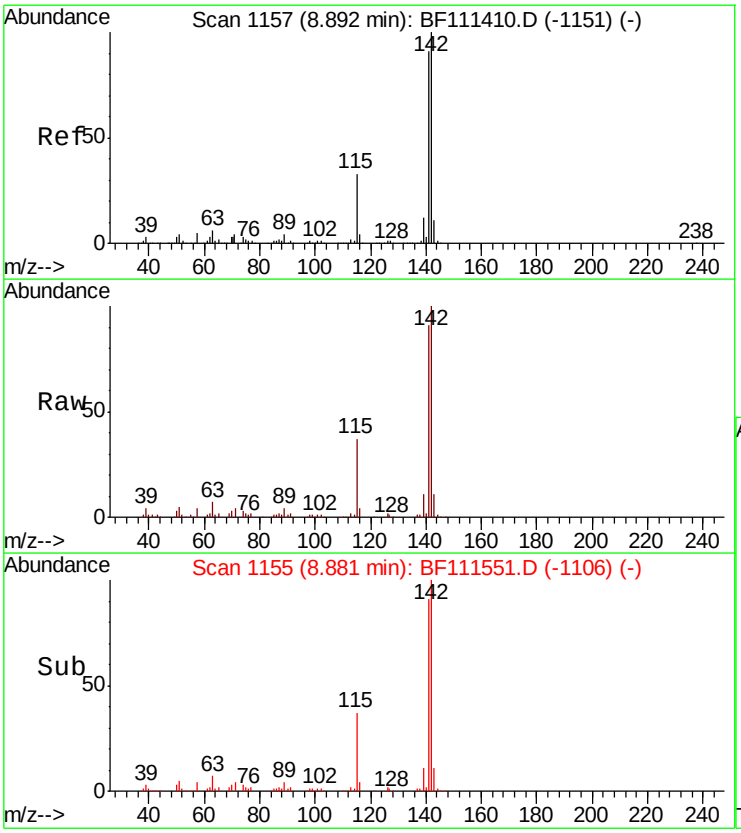
#37
2-Methylnaphthalene
Concen: 6.347 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:142 Resp: 103630

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.6	105.8
115	30.5	27.0	40.6



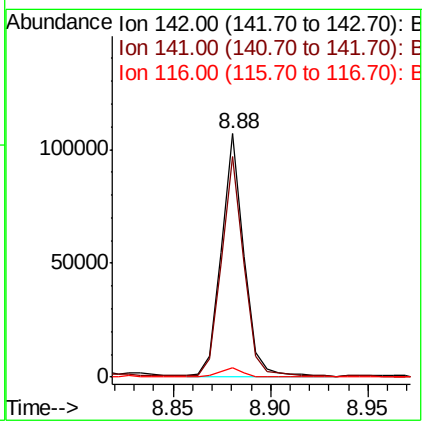
Instrument :
BNA_F
ClientSampleId :
TP-2-A

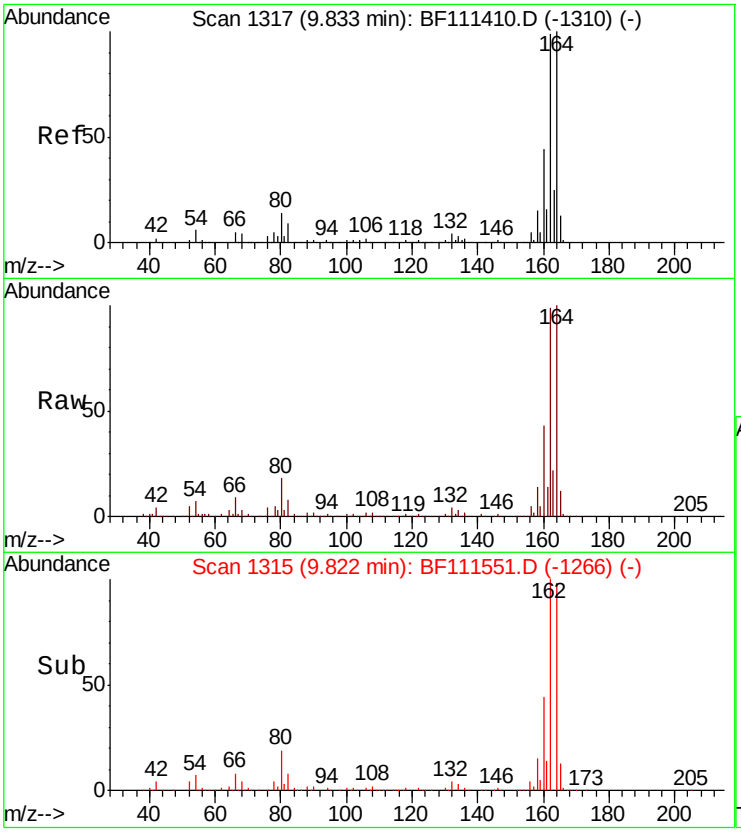


#38
1-Methylnaphthalene
Concen: 5.372 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:142 Resp: 84738

Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.2	111.4
116	4.0	2.9	4.3



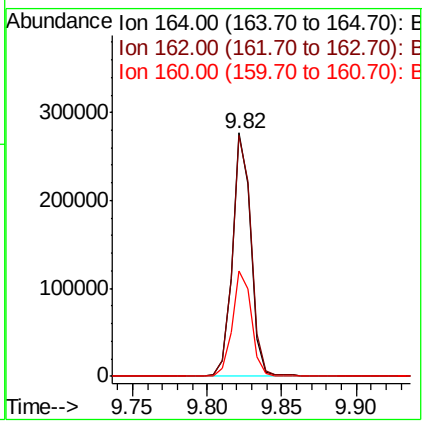


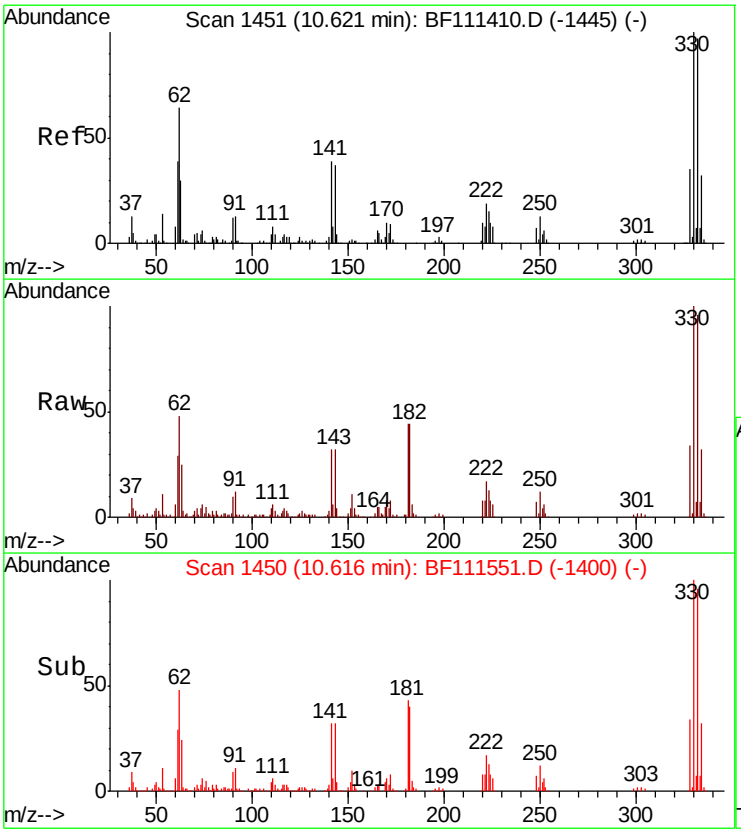
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:164 Resp: 241044

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.4	122.0
160	43.3	35.7	53.5

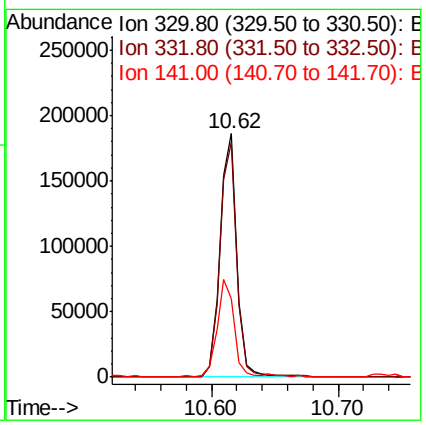


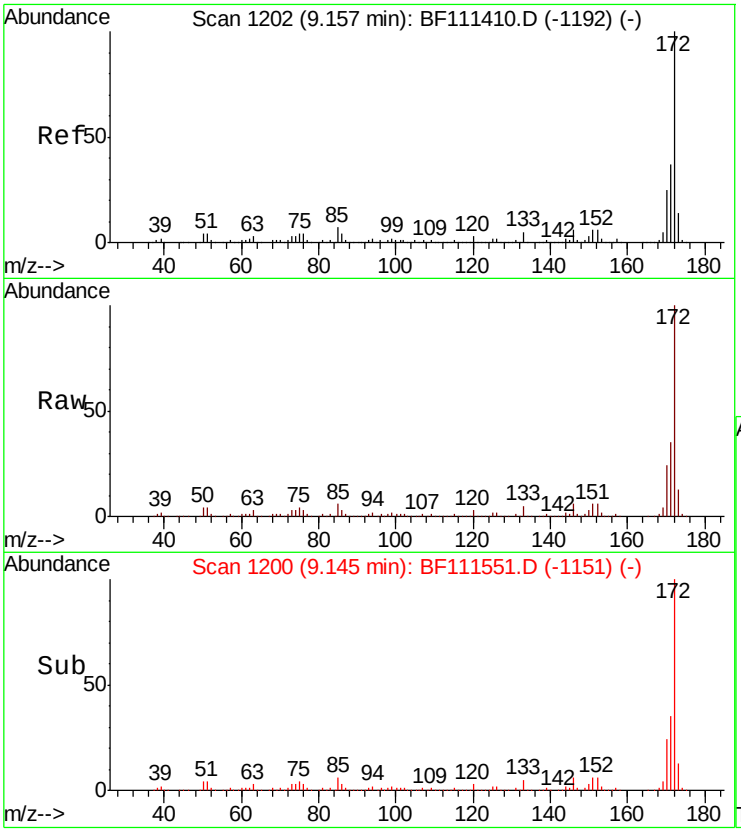


#42
2,4,6-Tribromophenol
Concen: 79.834 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:330 Resp: 172380

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.0	114.0
141	40.1	31.0	46.6



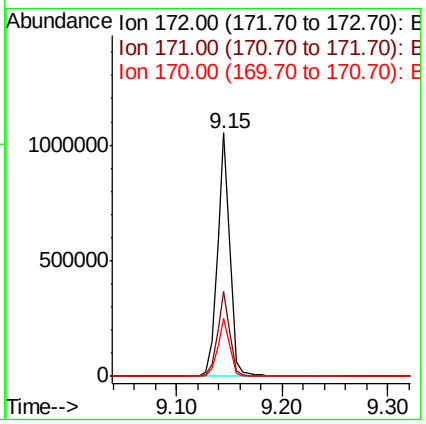


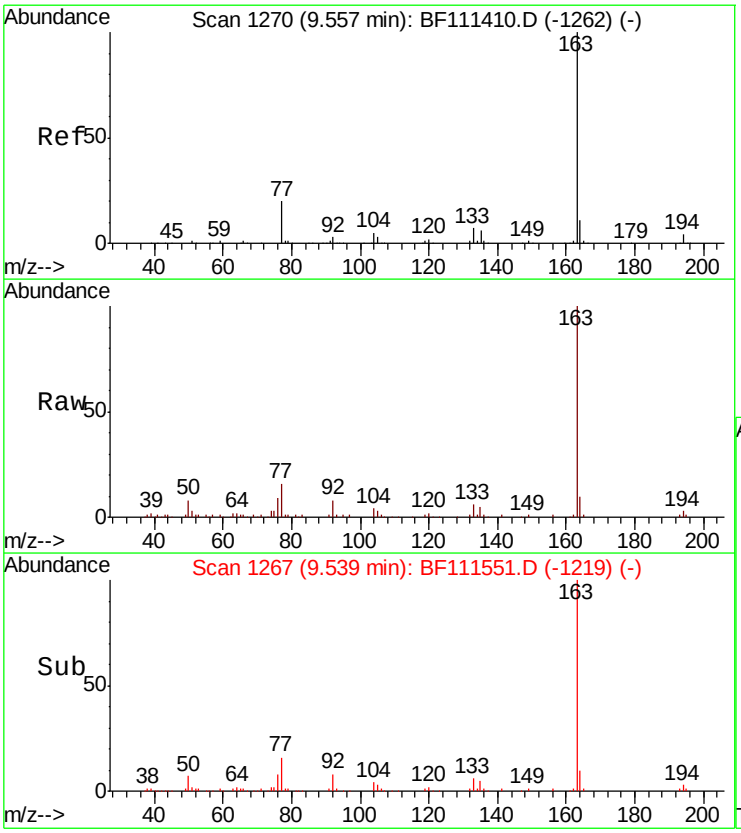
#45
2-Fluorobiphenyl
Concen: 56.530 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:172 Resp: 882158

Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	23.9	22.3	33.5

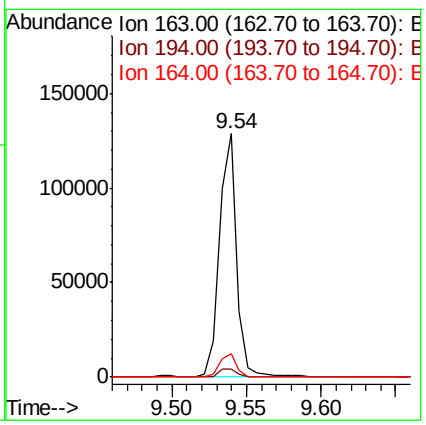


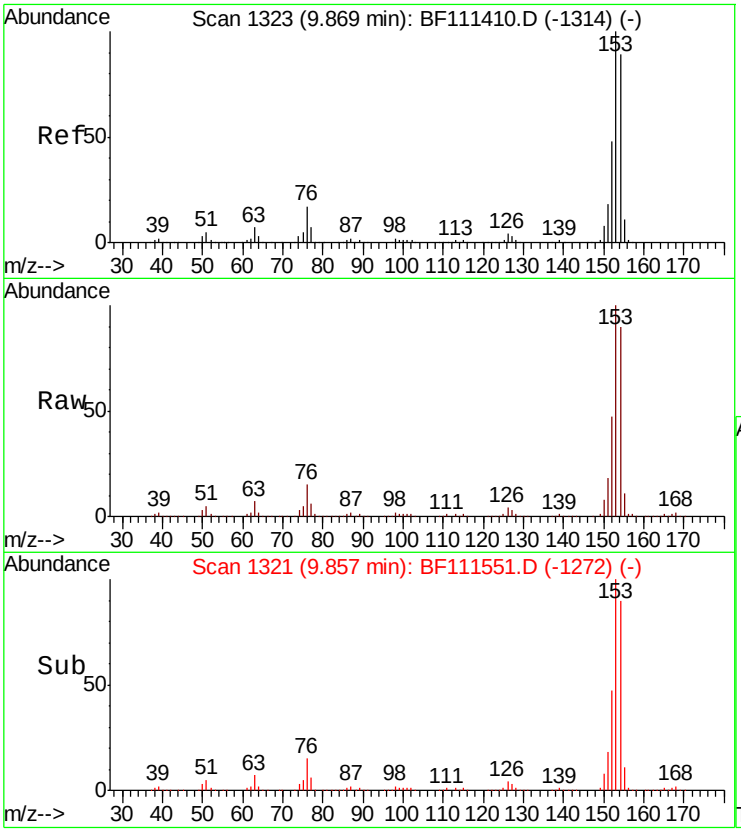


#50
Dimethylphthalate
Concen: 6.036 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:163 Resp: 104786

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.6
164	9.8	8.9	13.3



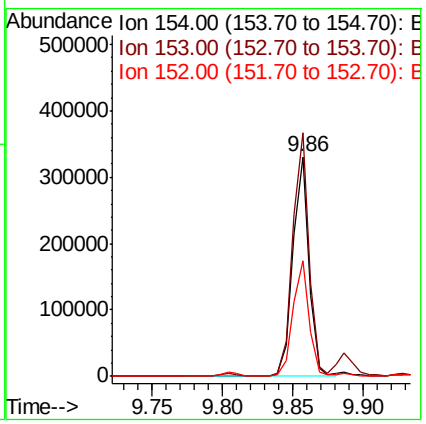


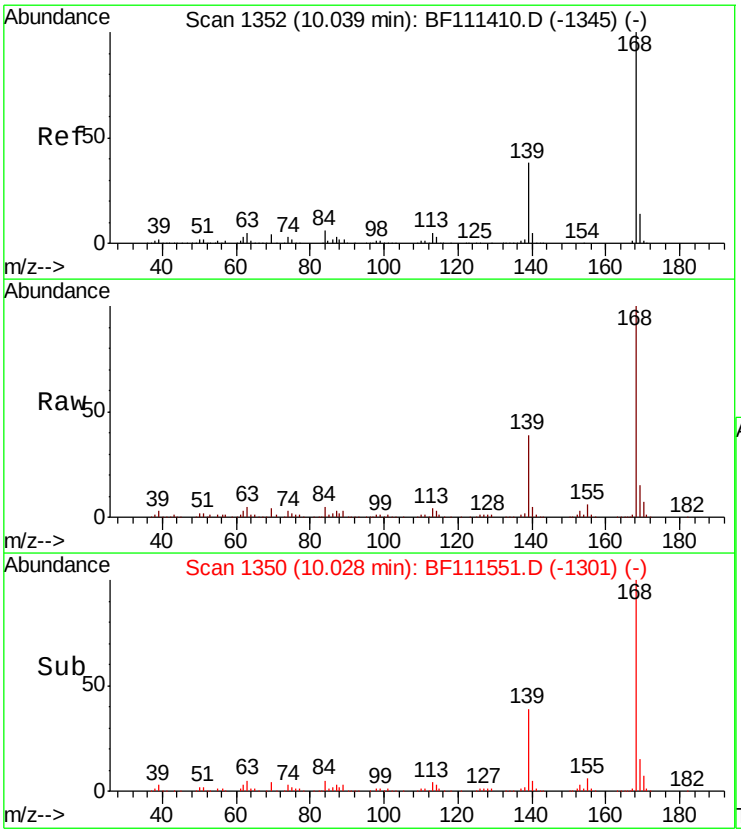
#52
Acenaphthene
Concen: 17.990 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:154 Resp: 262025

Ion	Ratio	Lower	Upper
154	100		
153	111.0	87.8	131.8
152	52.7	43.4	65.2

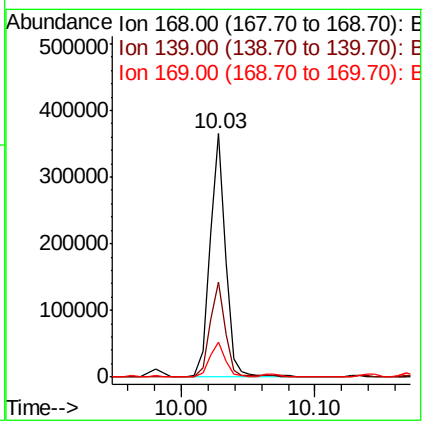


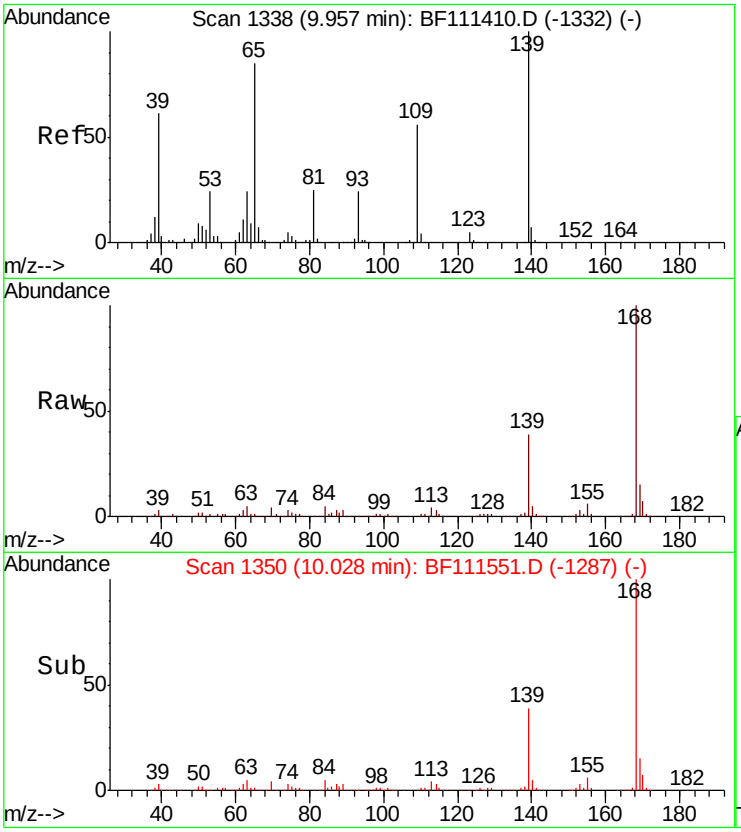


#55
Dibenzofuran
Concen: 14.151 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:168 Resp: 299174

Ion	Ratio	Lower	Upper
168	100		
139	39.0	32.6	49.0
169	14.6	11.8	17.6



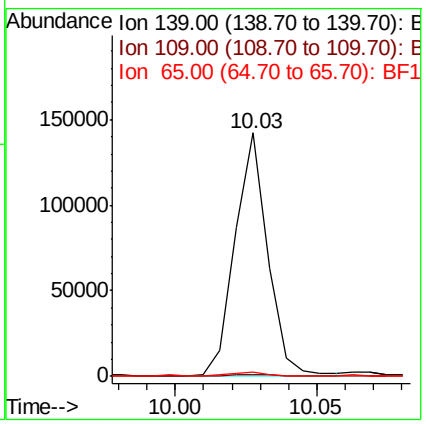


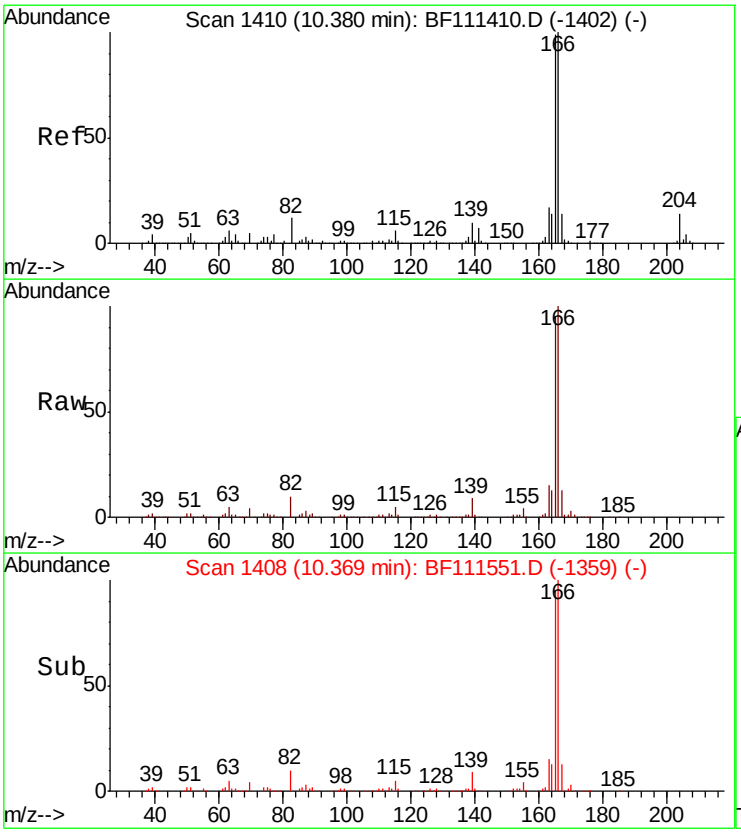
#56
4-Nitrophenol
Concen: 35.016 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.07 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:139 Resp: 115012

Ion	Ratio	Lower	Upper
139	100		
109	0.8	41.8	81.8#
65	1.6	79.6	119.6#

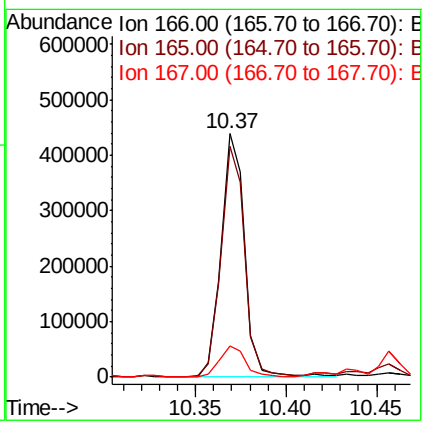


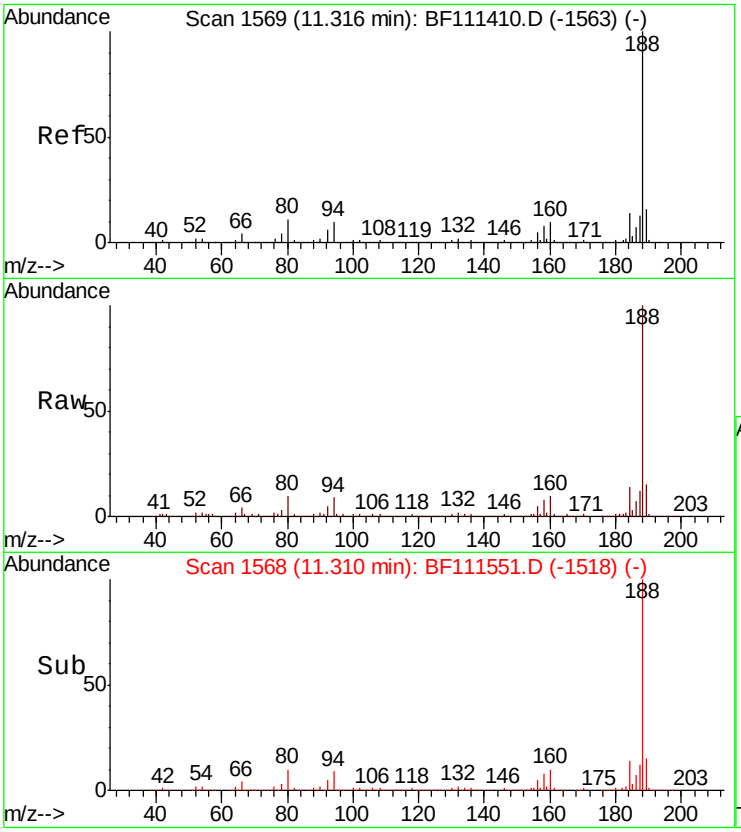


#58
Fluorene
Concen: 25.809 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:166 Resp: 395767

Ion	Ratio	Lower	Upper
166	100		
165	95.0	78.4	117.6
167	12.9	11.2	16.8



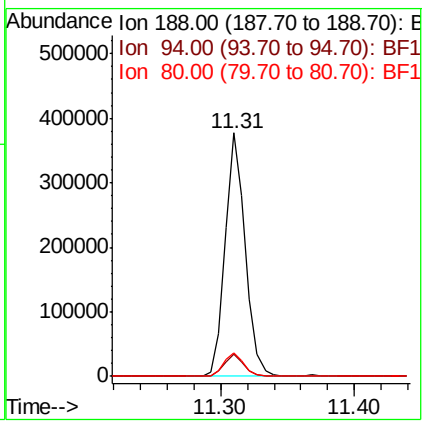


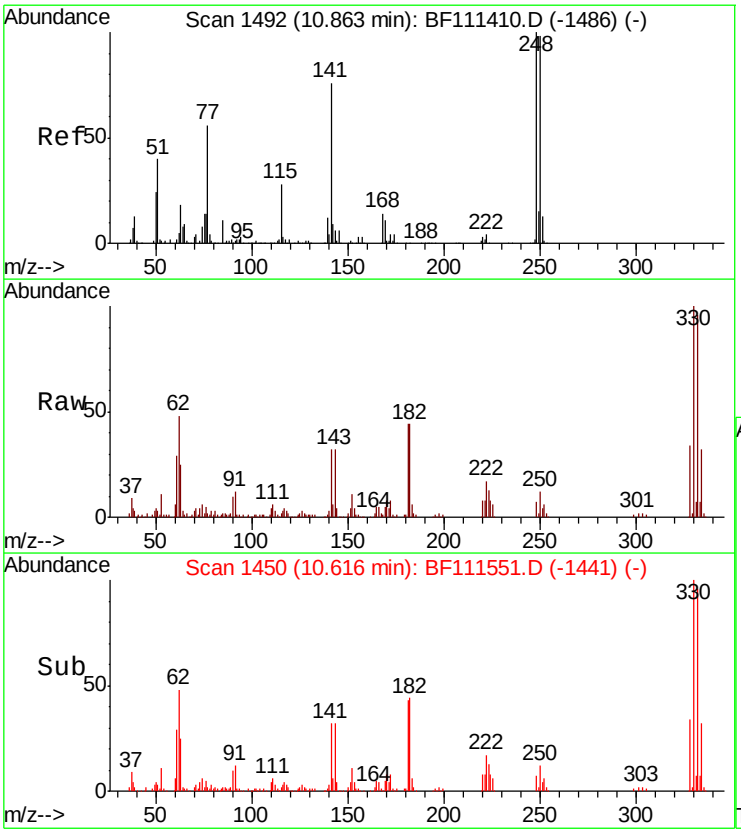
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:188 Resp: 401762

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.6	14.4#
80	9.6	9.8	14.6#

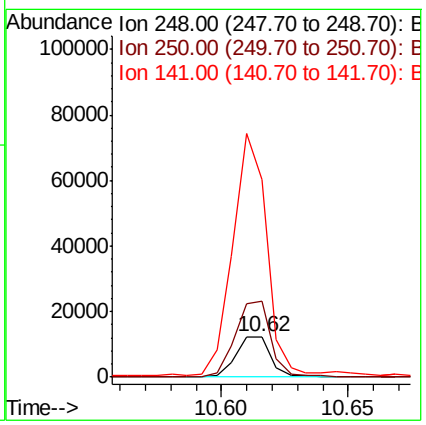


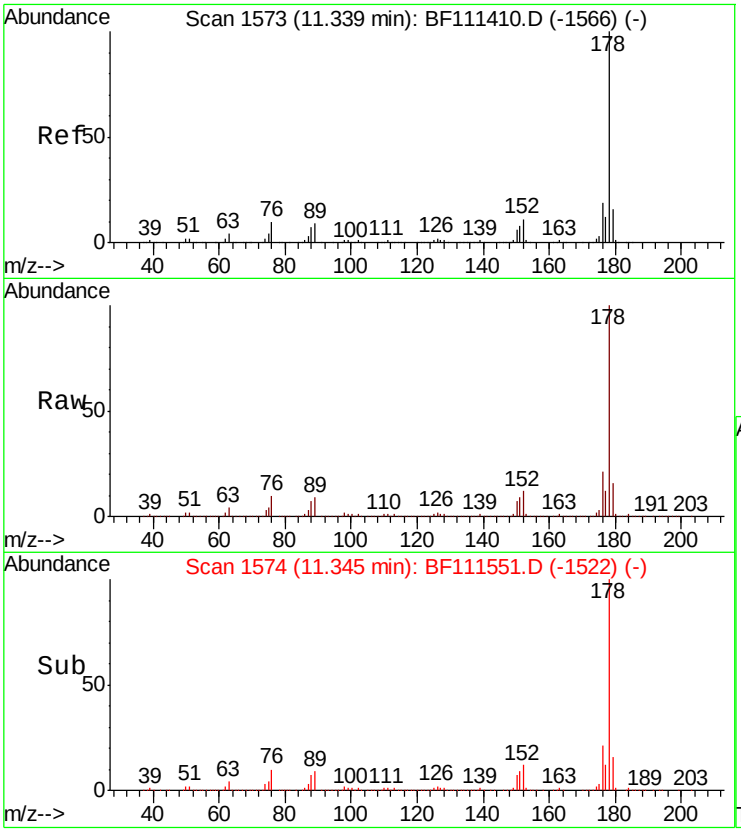


#67
4-Bromophenyl-phenylether
Concen: 2.733 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:248 Resp: 11835

Ion	Ratio	Lower	Upper
248	100		
250	186.4	77.0	115.4#
141	488.2	63.0	94.6#



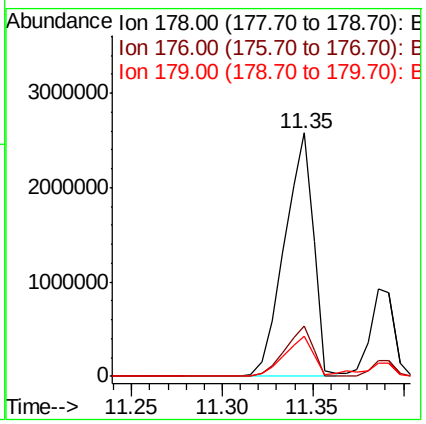


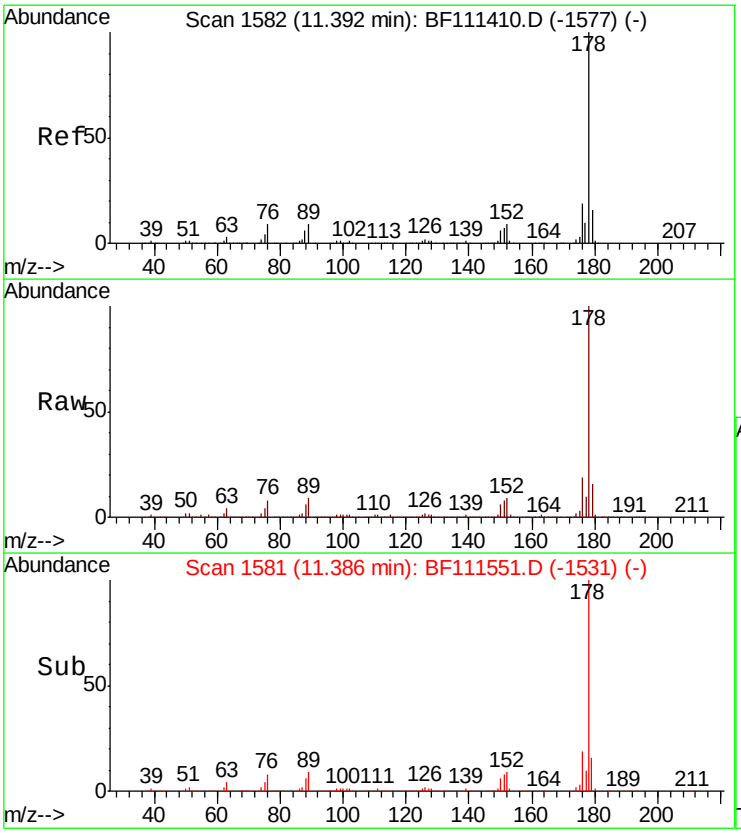
#71
Phenanthrene
Concen: 139.653 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:178 Resp: 2891099

Ion	Ratio	Lower	Upper
178	100		
176	20.6	18.1	27.1
179	16.3	14.0	21.0

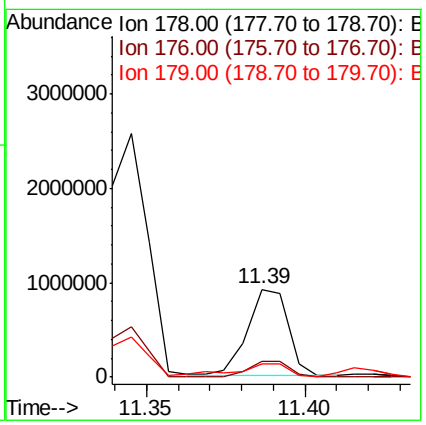


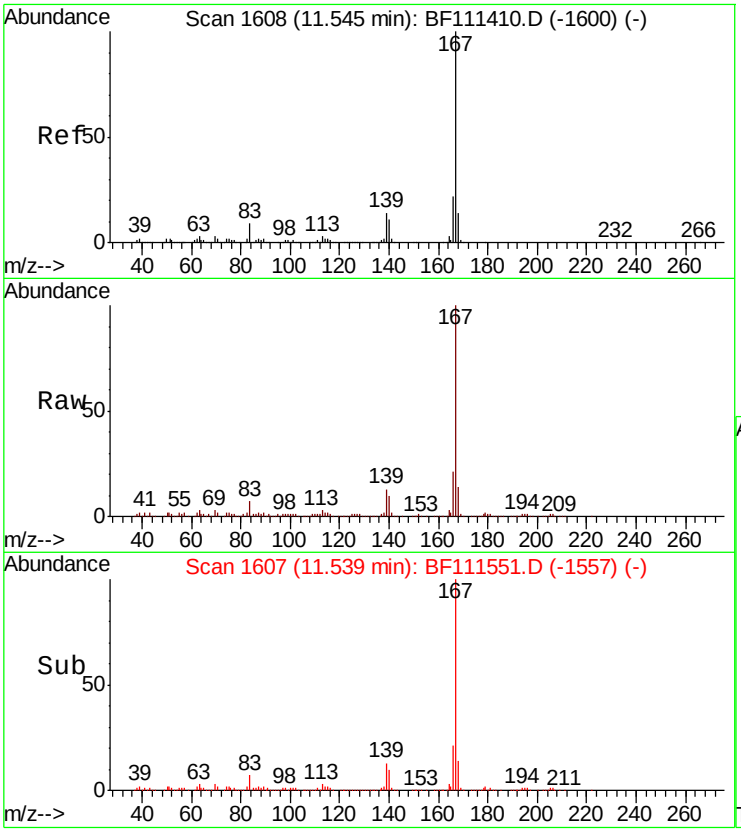


#72
Anthracene
Concen: 38.524 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:178 Resp: 815609

Ion	Ratio	Lower	Upper
178	100		
176	18.6	17.2	25.8
179	15.6	13.8	20.8



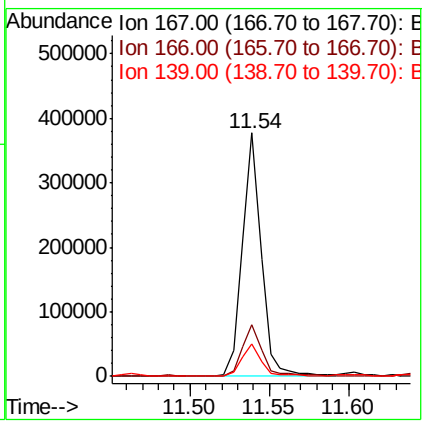


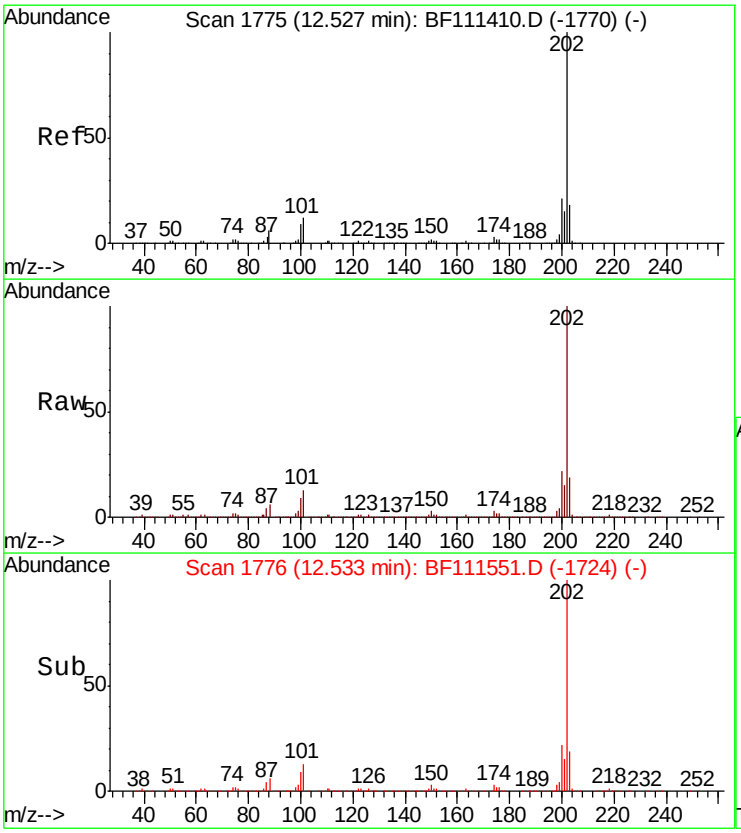
#73
Carbazole
Concen: 14.264 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:167 Resp: 312286

Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.3	28.9
139	13.2	11.9	17.9

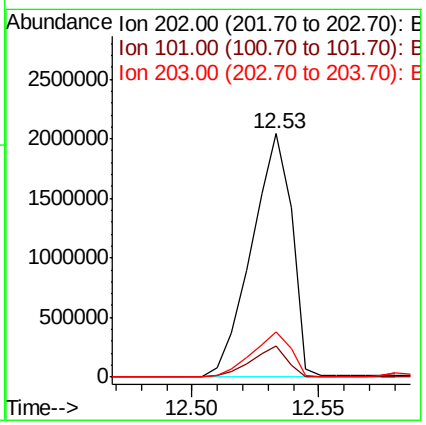


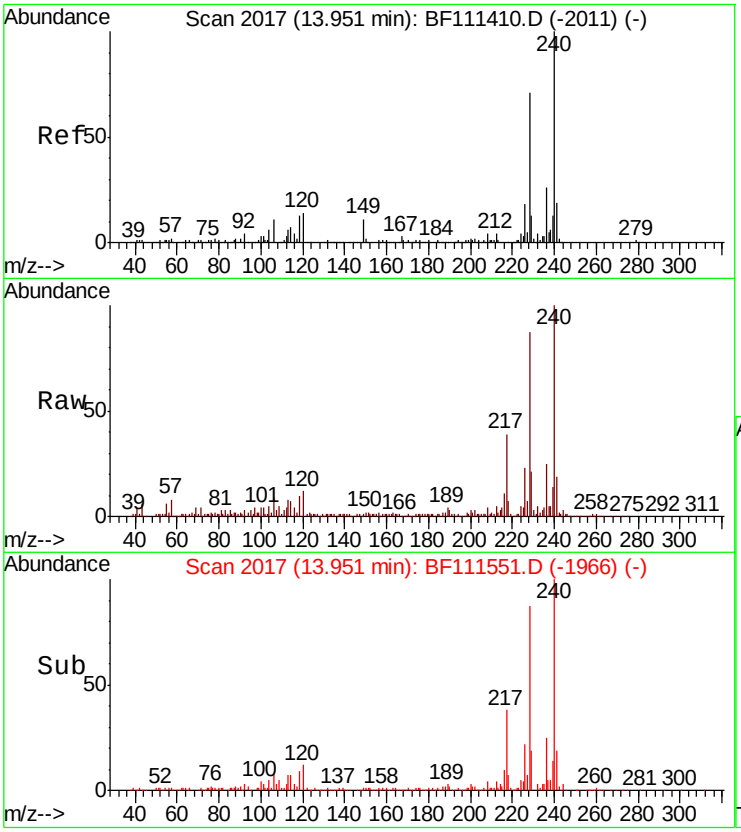


#75
Fluoranthene
Concen: 112.248 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:202 Resp: 2273331

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.8
203	18.5	0.0	38.6



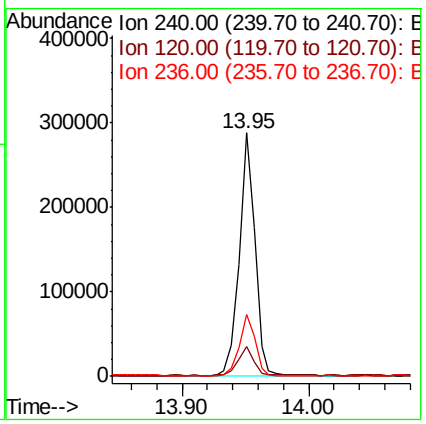


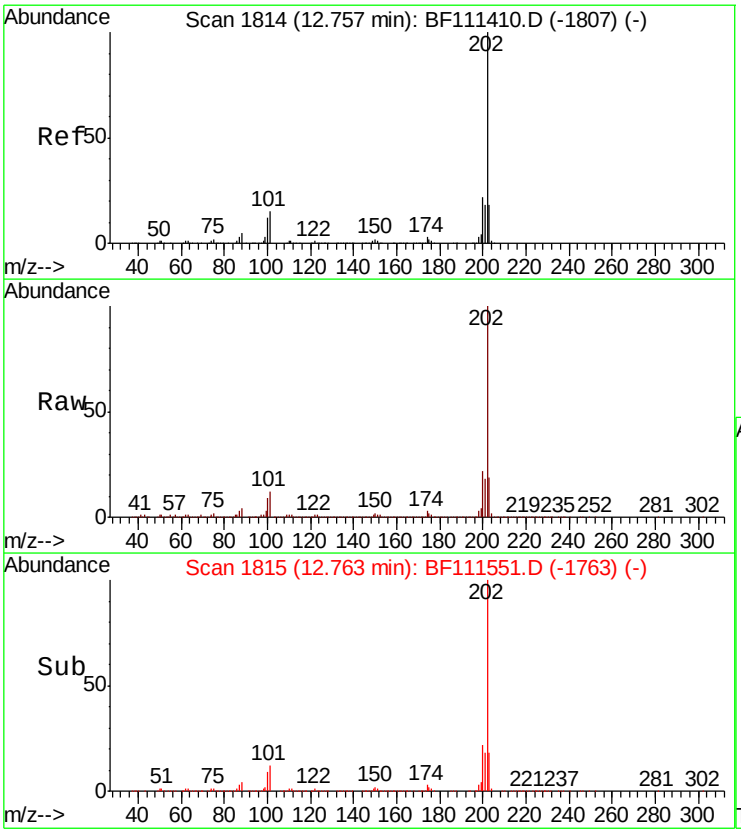
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:240 Resp: 244699

Ion	Ratio	Lower	Upper
240	100		
120	12.2	12.2	18.2
236	25.3	20.2	30.2

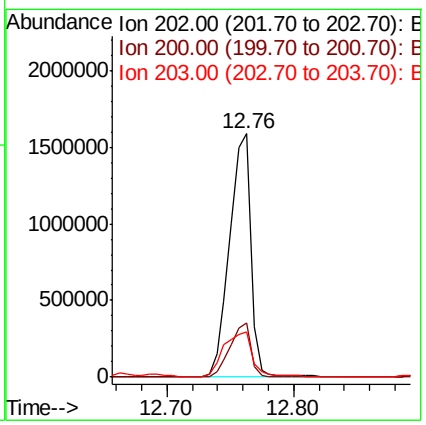


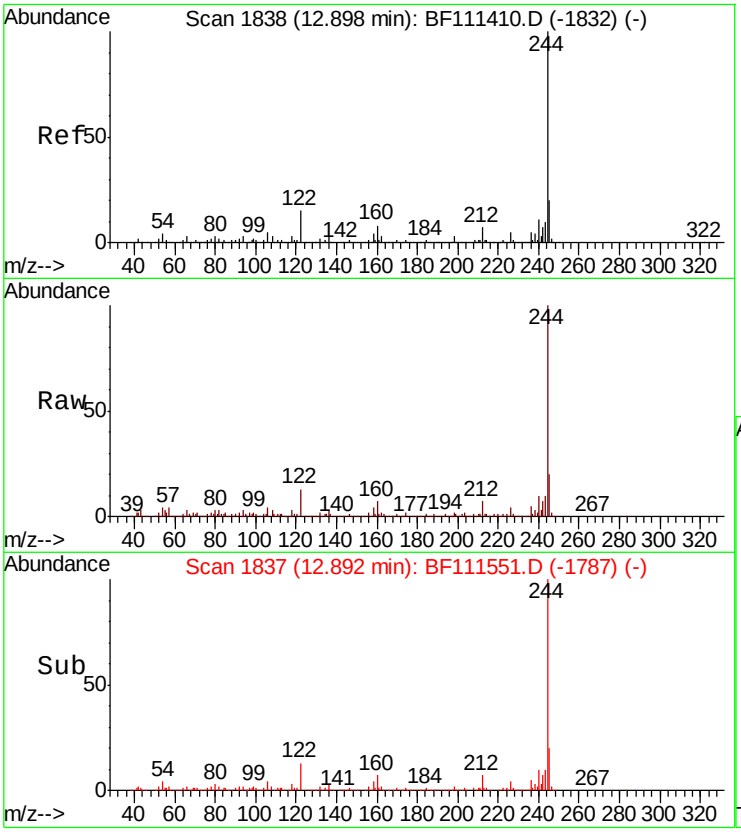


#78
Pyrene
Concen: 106.253 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:202 Resp: 1833082

Ion	Ratio	Lower	Upper
202	100		
200	22.1	19.0	28.4
203	18.6	15.2	22.8



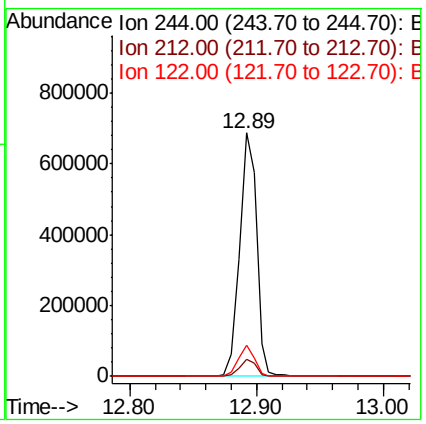


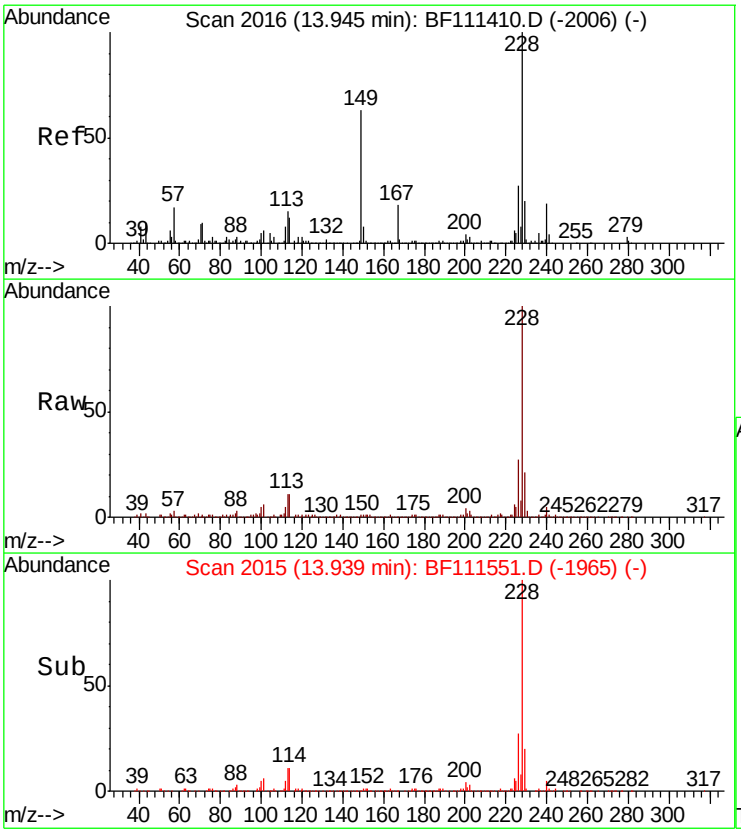
#79
Terphenyl-d14
Concen: 60.314 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:244 Resp: 628500

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	12.8	13.1	19.7#

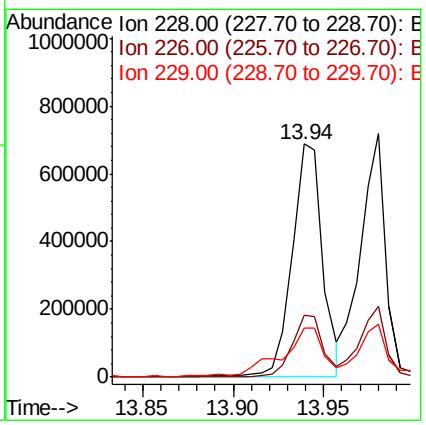


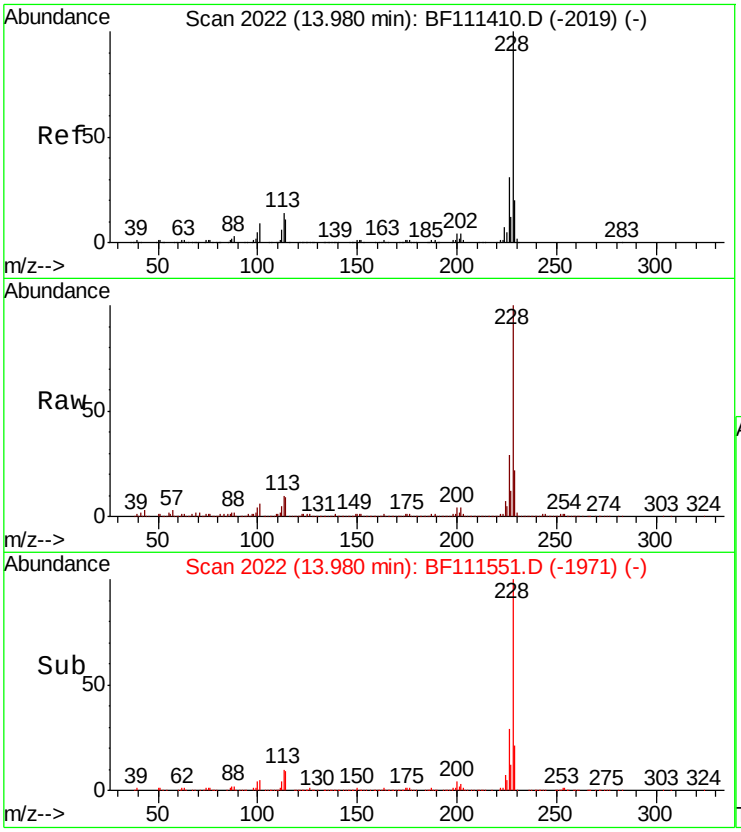


#81
Benzo(a)anthracene
Concen: 61.184 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:228 Resp: 814071

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	34.0
229	20.9	16.3	24.5



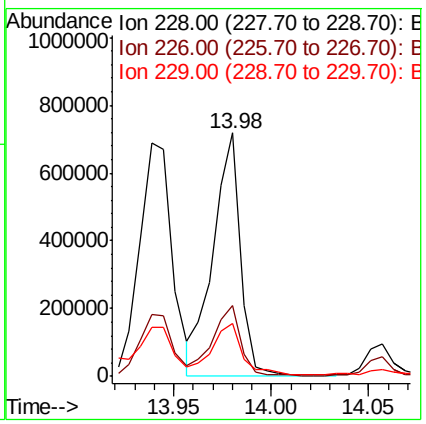


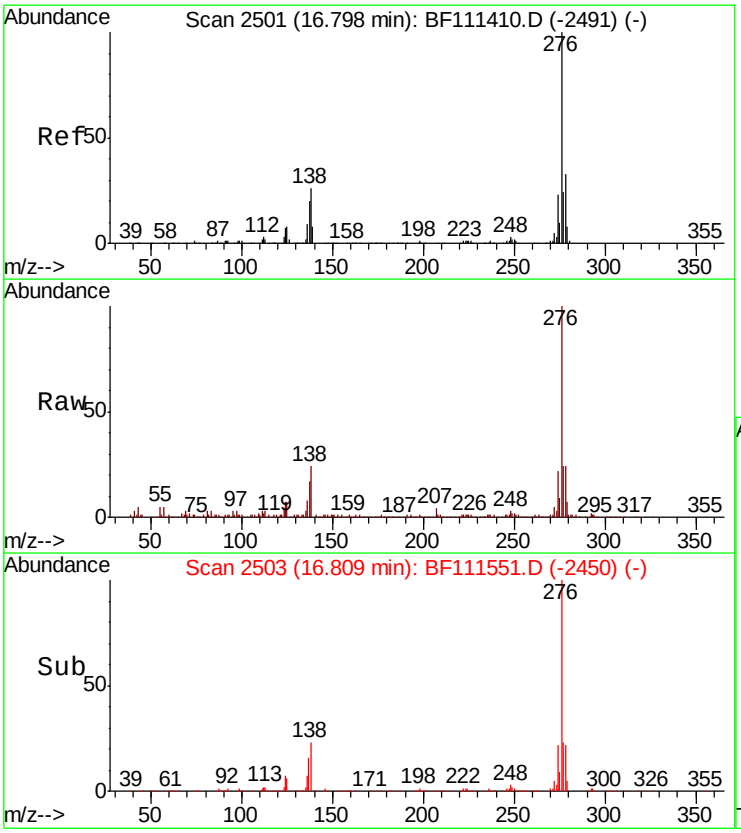
#83
Chrysene
Concen: 49.729 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:228 Resp: 697024

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.3	37.9
229	21.5	17.2	25.8

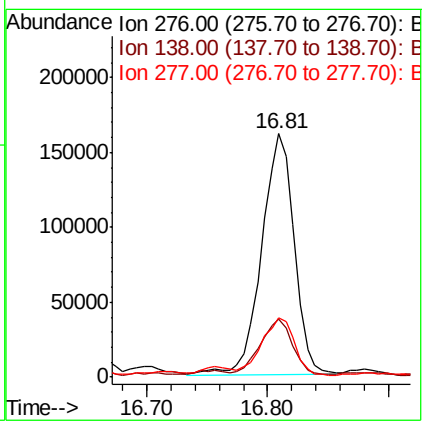


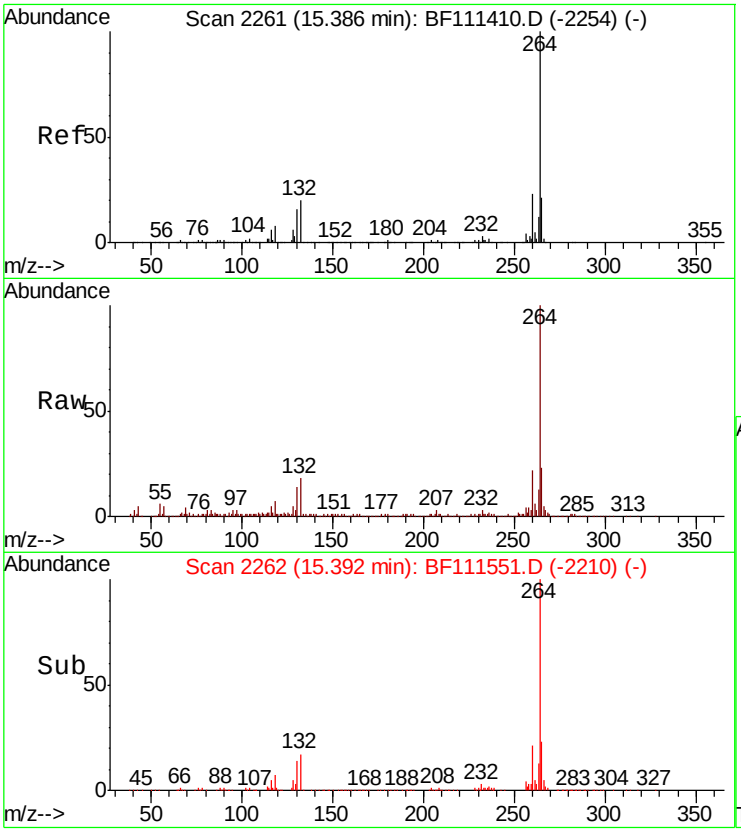


#86
Indeno(1,2,3-cd)pyrene
Concen: 30.111 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:276 Resp: 304601

Ion	Ratio	Lower	Upper
276	100		
138	22.6	27.8	41.6#
277	23.4	20.1	30.1



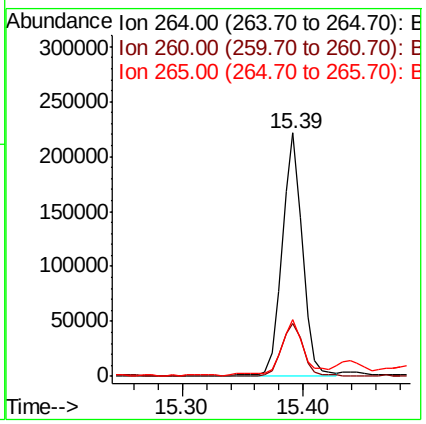


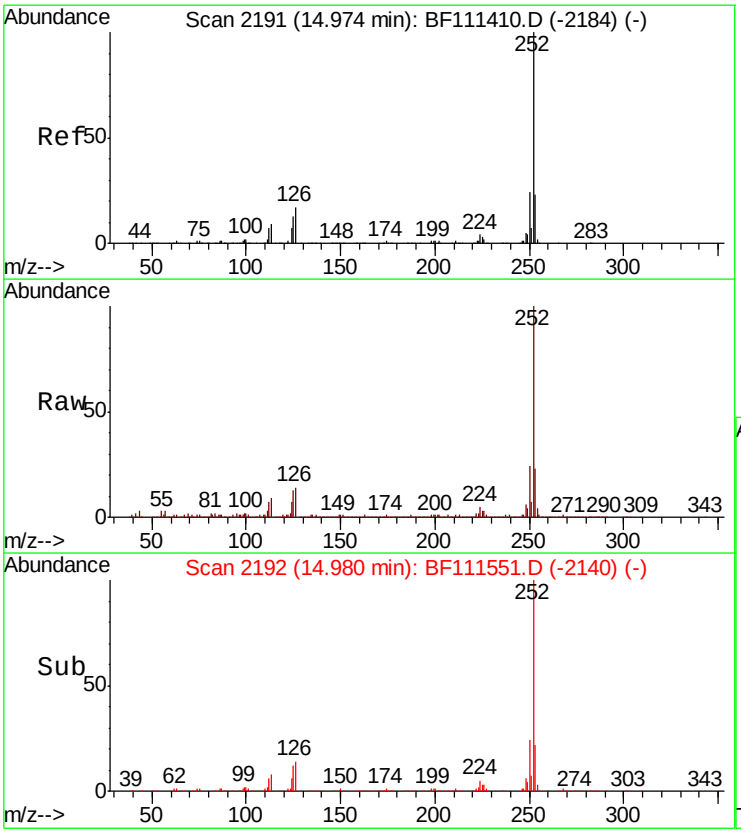
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:264 Resp: 253668

Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.3	27.5
265	23.1	17.7	26.5

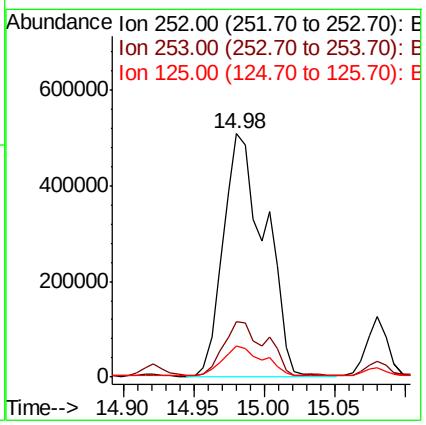


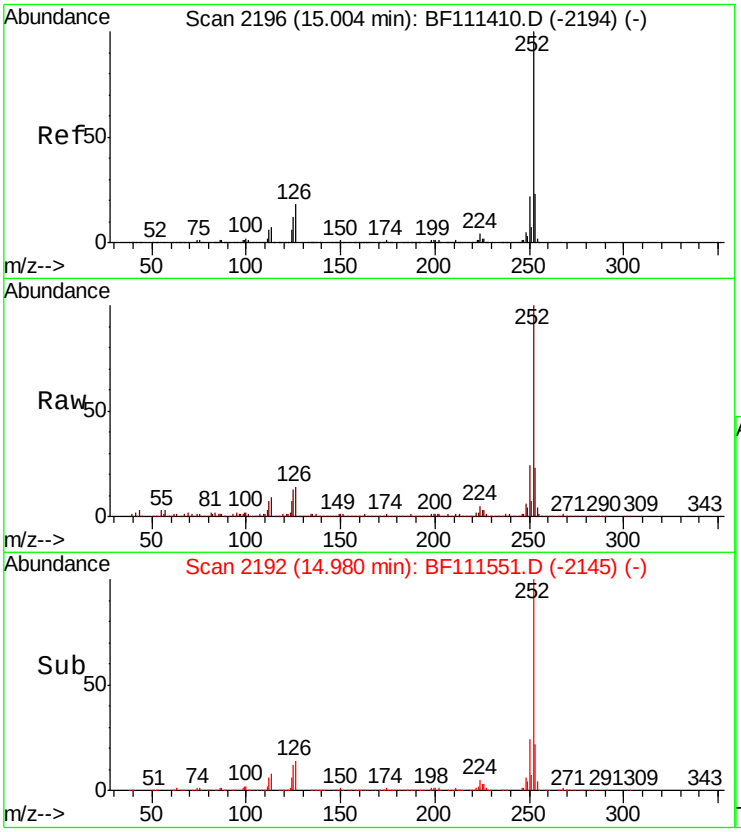


#88
Benzo(b)fluoranthene
Concen: 71.031 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:252 Resp: 1050492

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	12.6	10.4	15.6



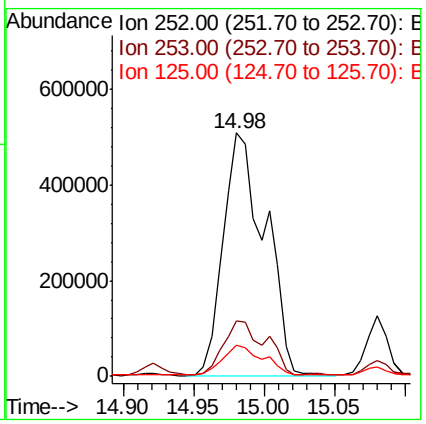


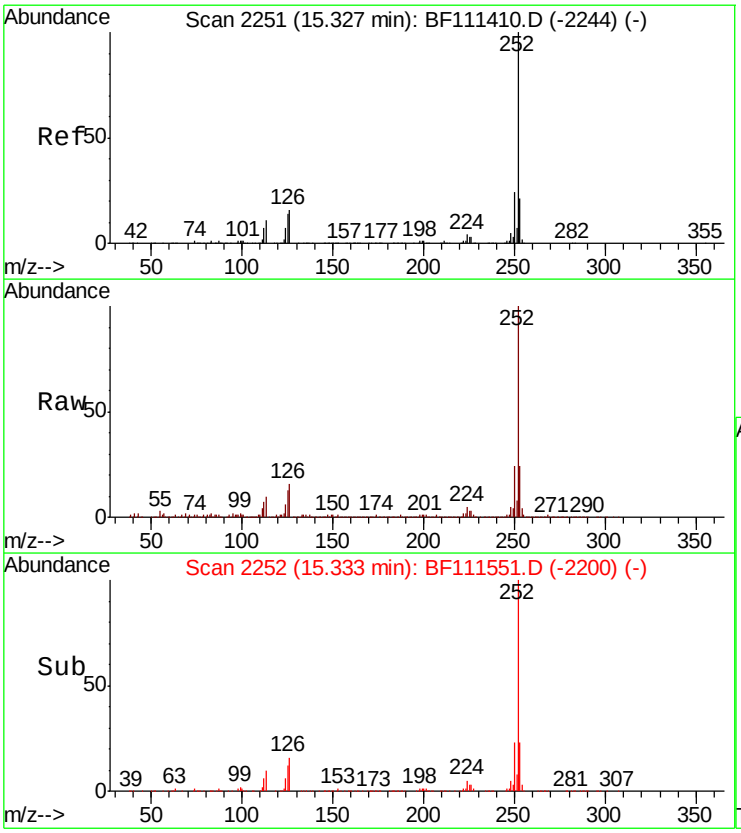
#89
Benzo(k)fluoranthene
Concen: 74.338 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:252 Resp: 1050492

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.6	9.8	14.8

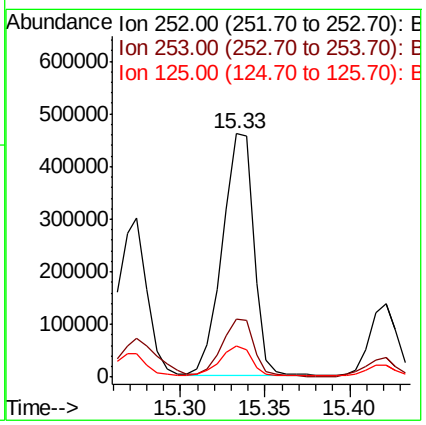


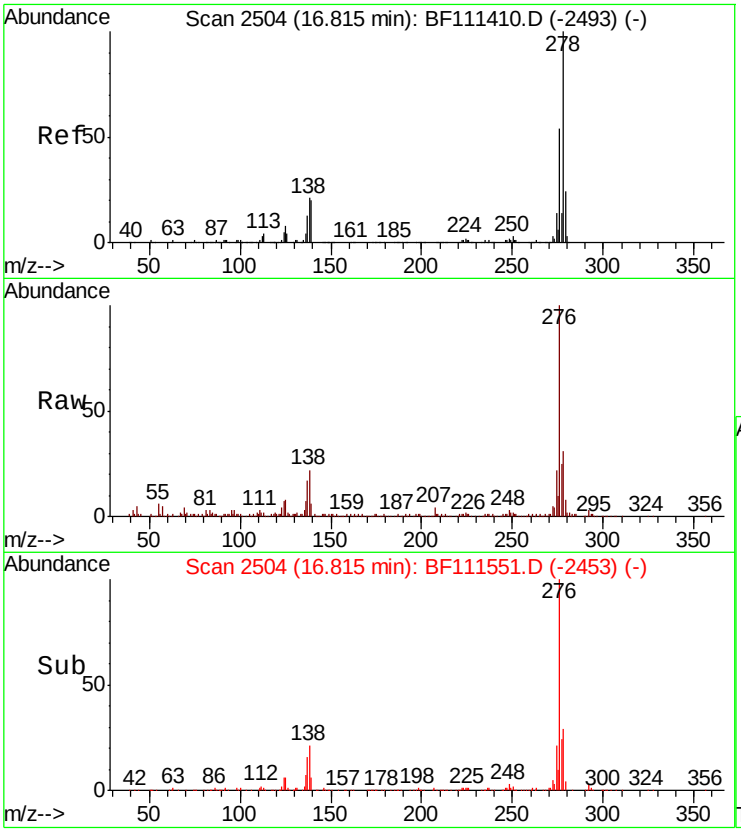


#90
Benzo(a)pyrene
Concen: 44.917 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:252 Resp: 599035

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	12.8	12.3	18.5



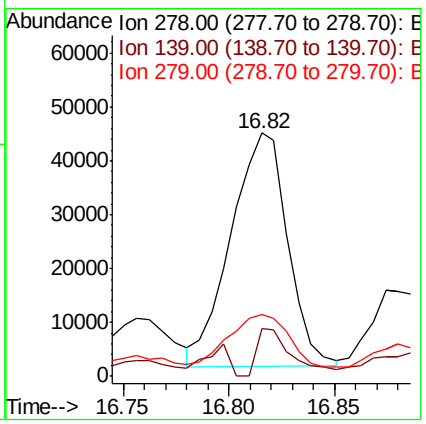


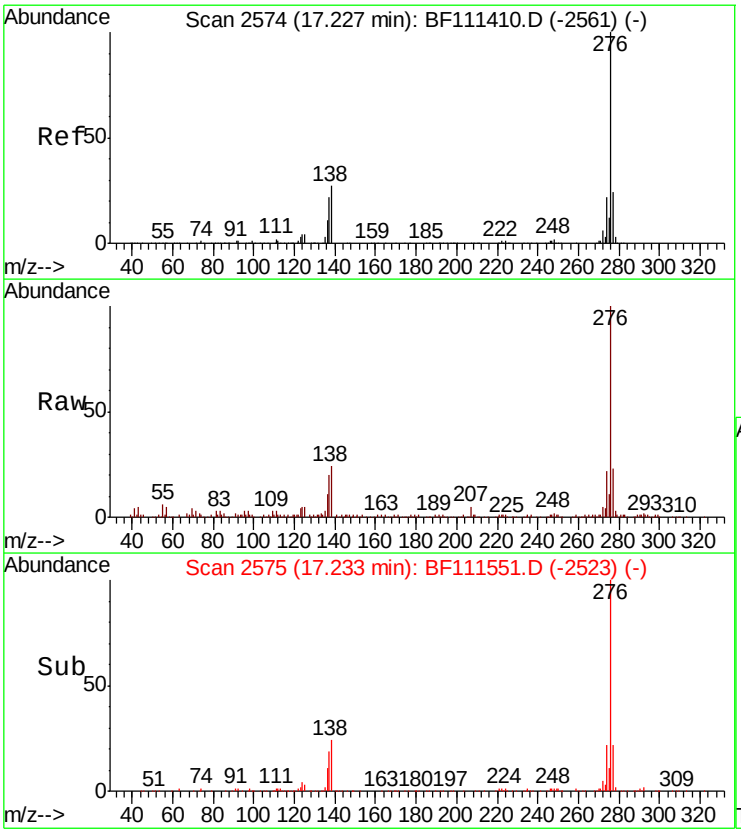
#91
Dibenzo(a,h)anthracene
Concen: 7.704 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2-A

Tgt Ion:278 Resp: 81051

Ion	Ratio	Lower	Upper
278	100		
139	19.4	18.2	27.4
279	25.5	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 25.041 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111551.D
Acq: 17 Dec 2018 20:54

Tgt Ion:276 Resp: 258579

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	24.4	24.9	37.3#