Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111169.D
Acq On : 7 Dec 2018 6:22
Operator : JU/SJ
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 07 07:33:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	424973	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1501574	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	576760	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	908585	20.00	ng		0.00
76) Chrysene-d12	13.96	240	657796	20.00	ng		0.01
87) Perylene-d12	15.40	264	493277	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	2803012	102.92	ng		0.01
7) Phenol-d6	6.44	99	3469511	98.90	ng		0.00
23) Nitrobenzene-d5	7.37	82	2089845	82.40	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	506996	110.59	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2953898	96.80	ng		0.00
79) Terphenyl-d14	12.92	244	2281619	71.04	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	8608	Below Cal		#	1
10) Phenol	6.45	94	269716	7.051	ng		92
19) n-Nitroso-di-n-propylamine	7.37	70	284510	12.068	ng	#	73
25) Isophorone	7.37	82	2085143	44.797	ng	#	65
31) Naphthalene	8.11	128	214824	3.286	ng	#	93
50) Dimethylphthalate	9.56	163	494771	12.326	ng		99
52) Acenaphthene	9.87	154	104107	3.073	ng		98
55) Dibenzofuran	10.05	168	93336	2.000	ng		91
56) 4-Nitrophenol	10.05	139	34070	4.229	ng	#	7
57) 2,4-Dinitrotoluene	9.84	165	75940	6.909	ng	#	24
58) Fluorene	10.39	166	117674	3.576	ng		99
67) 4-Bromophenyl-phenylether	10.63	248	33566	3.490	ng	#	1
71) Phenanthrene	11.35	178	1343787	30.747	ng		96
72) Anthracene	11.40	178	304106	6.903	ng		96
73) Carbazole	11.55	167	155338	3.389	ng	#	91
75) Fluoranthene	12.54	202	1753522	41.003	ng		96
77) Benzidine	12.65	184	1440	Below Cal		#	1
78) Pyrene	12.77	202	1567269	30.583	ng		95
81) Benzo(a)anthracene	13.95	228	648687	16.831	ng		99
83) Chrysene	13.99	228	544827	14.240	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	446748	14.940	ng	#	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	247858	8.068	ng	#	93
88) Benzo(b)fluoranthene	14.99	252	761980	27.261	ng	#	97
89) Benzo(k)fluoranthene	14.99	252	761980	28.199	ng	#	96
90) Benzo(a)pyrene	15.34	252	400425	15.618	ng		98
91) Dibenzo(a,h)anthracene	16.82	278	59616	2.771	ng	#	82
92) Benzo(g,h,i)perylene	17.23	276	234099	10.828	ng		97

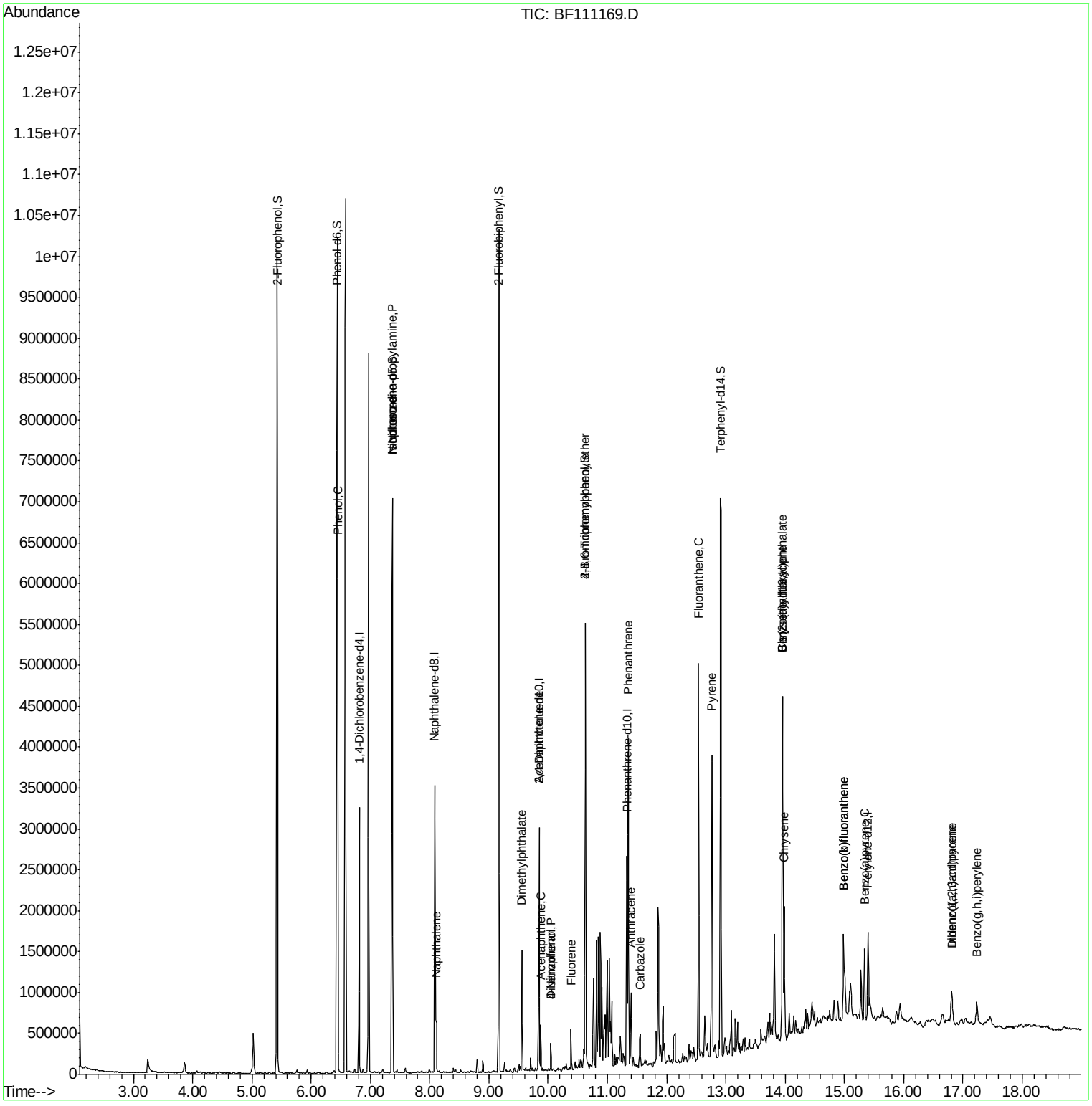
(#) = qualifier out of range (m) = manual integration (+) = signals summed

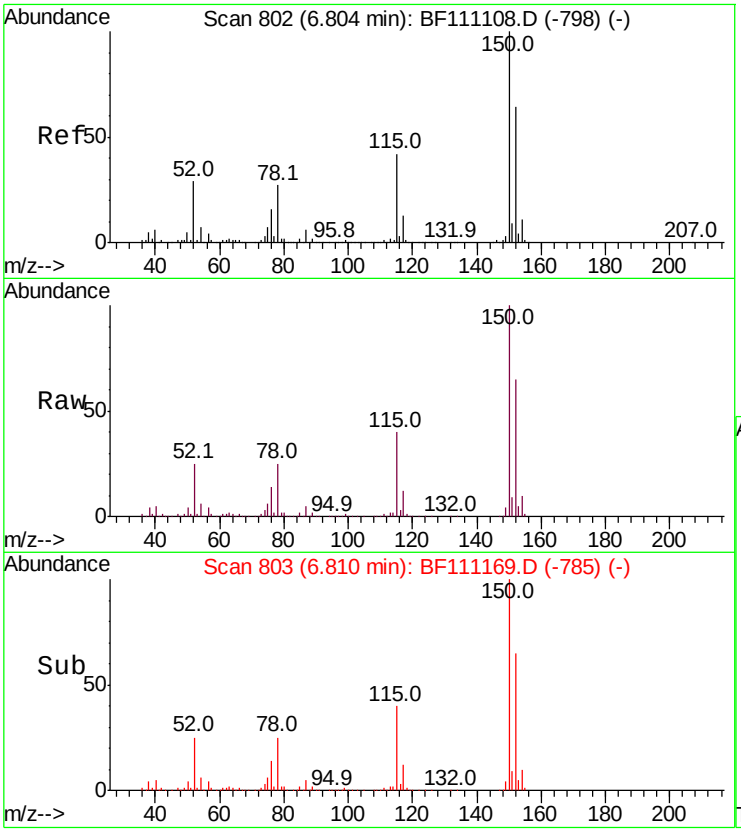
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111169.D
Acq On : 7 Dec 2018 6:22
Operator : JU/SJ
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 07 07:33:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration



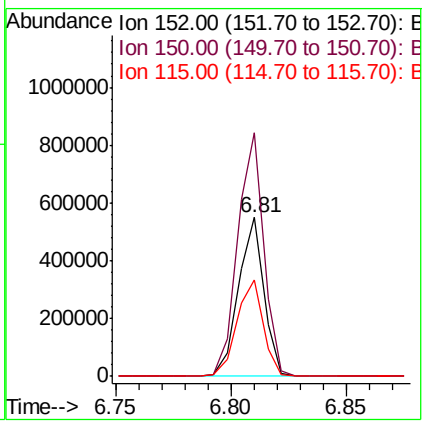


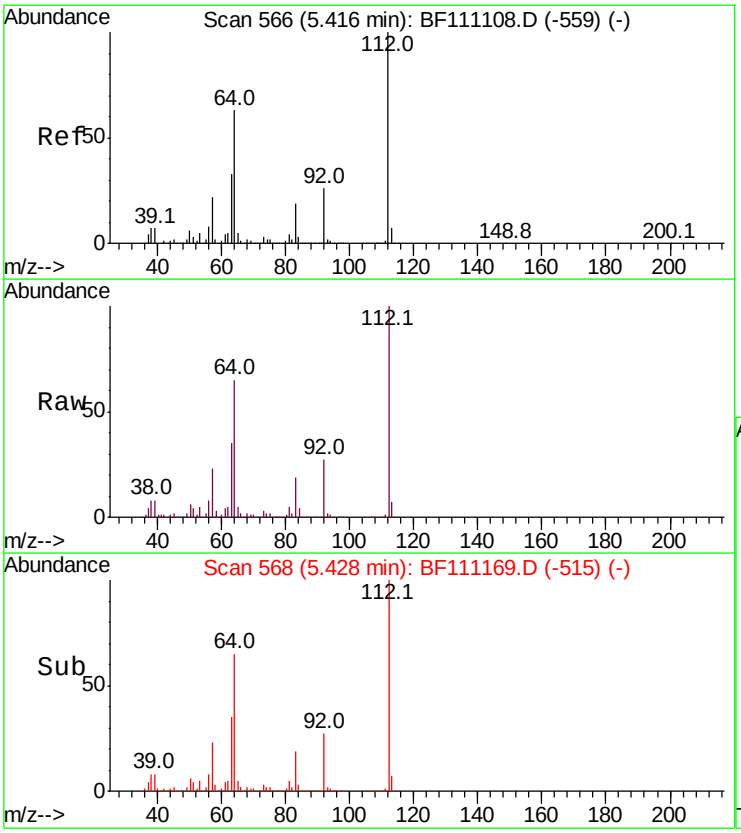
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 424973

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	187.0
115	60.6	52.2	78.2

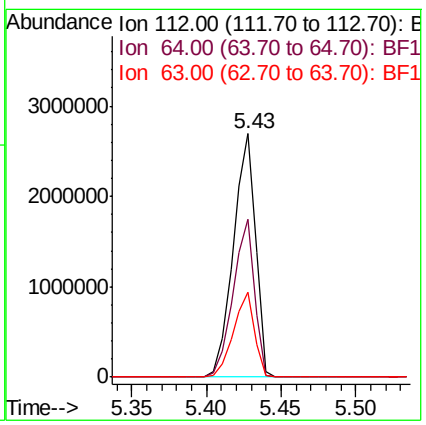


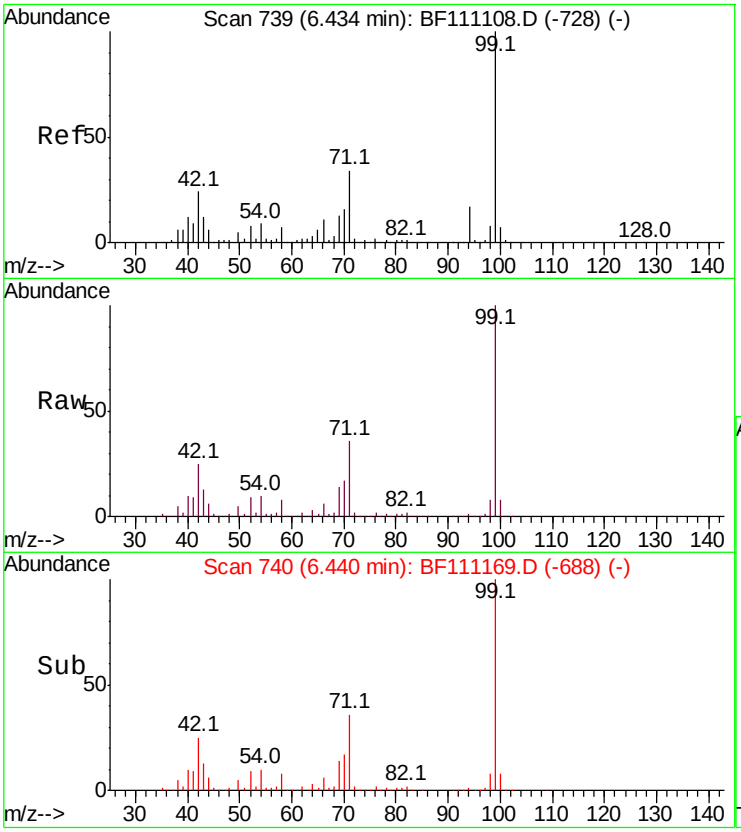


#5
2-Fluorophenol
Concen: 102.924 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:112 Resp: 2803012

Ion	Ratio	Lower	Upper
112	100		
64	65.0	50.2	75.4
63	34.8	26.6	39.8



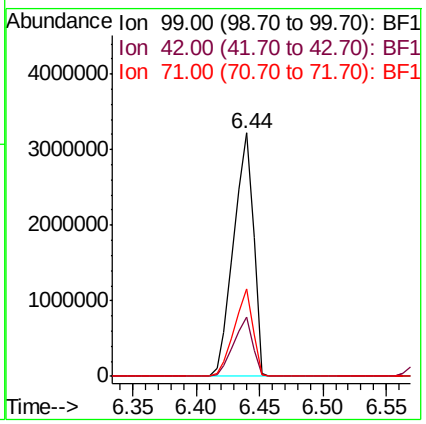


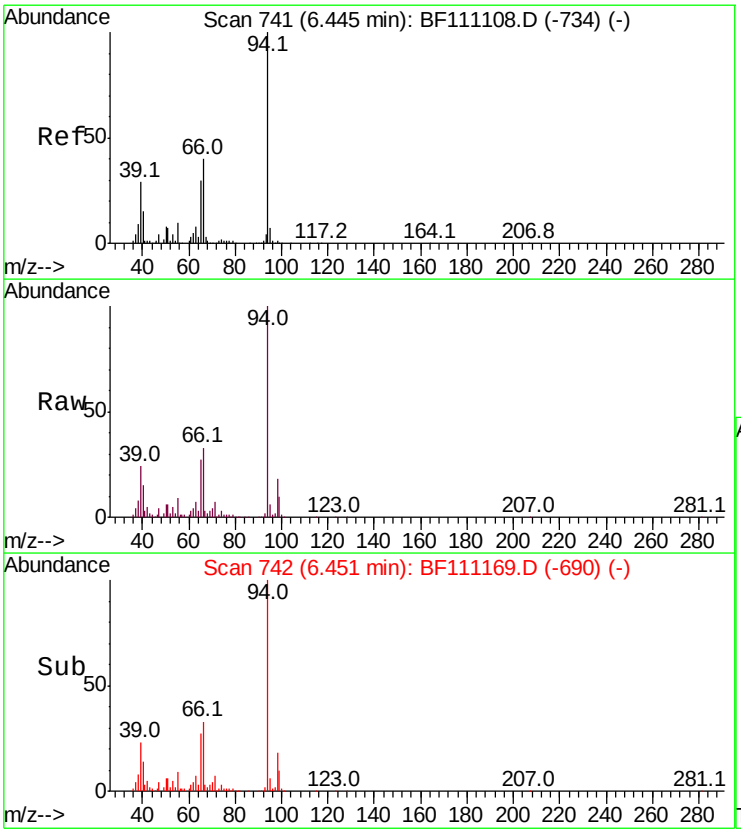
#7
Phenol-d6
Concen: 98.897 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 3469511

Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.3	28.9
71	35.9	27.4	41.2

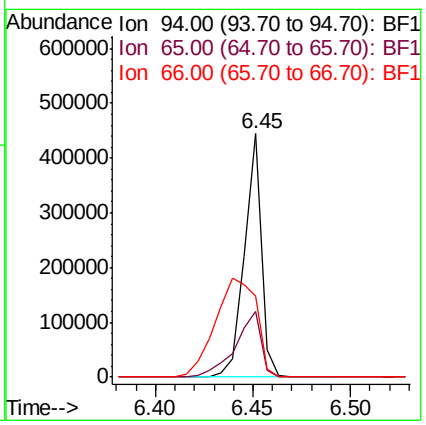


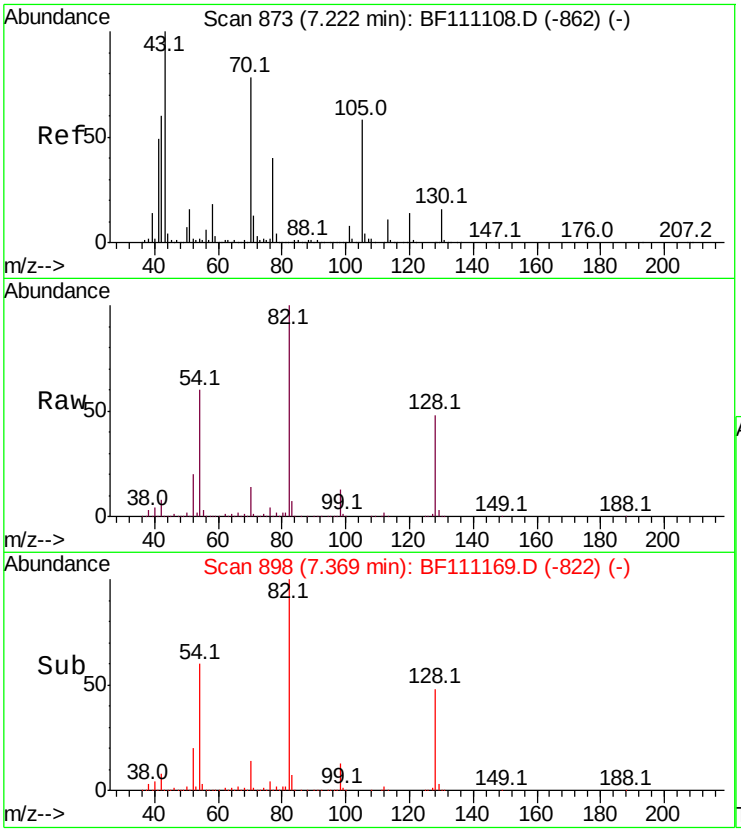


#10
Phenol
Concen: 7.051 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion: 94 Resp: 269716

Ion	Ratio	Lower	Upper
94	100		
65	27.2	10.5	50.5
66	33.4	19.8	59.8



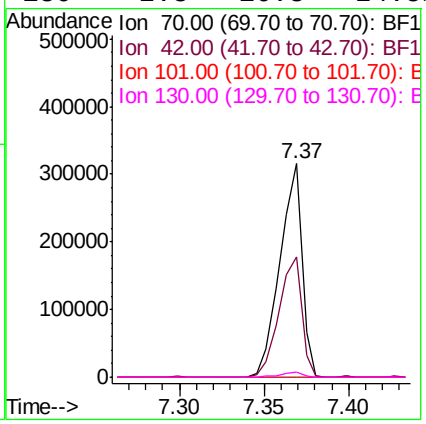


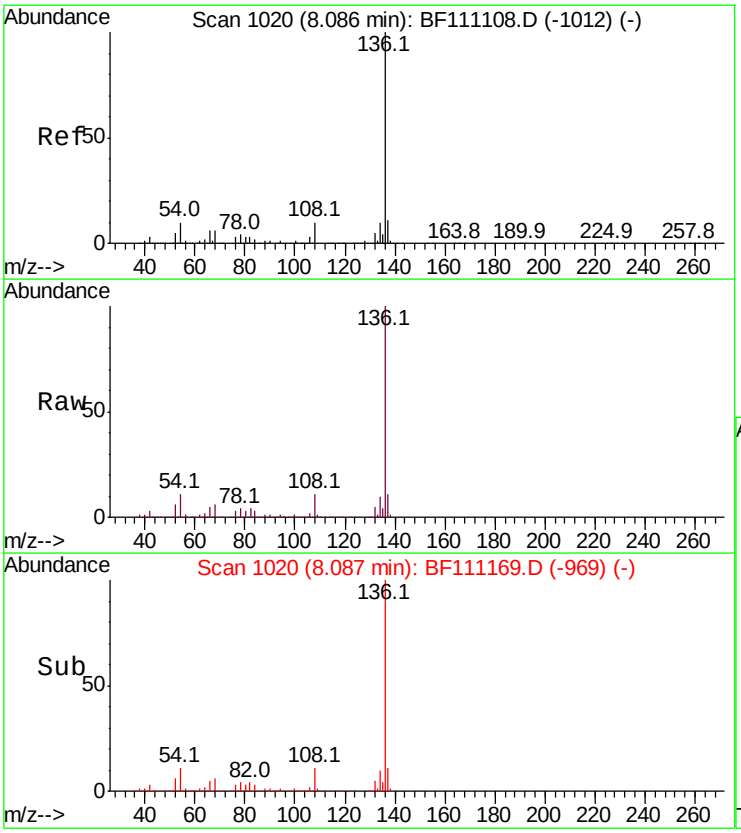
#19
n-Nitroso-di-n-propylamine
Concen: 12.068 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 284510

Ion	Ratio	Lower	Upper
70	100		
42	56.5	61.3	91.9#
101	0.0	7.7	11.5#
130	2.3	16.3	24.5#

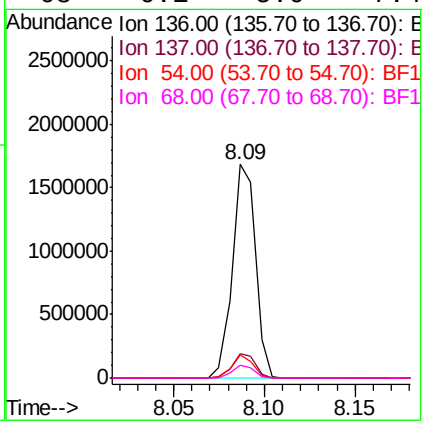


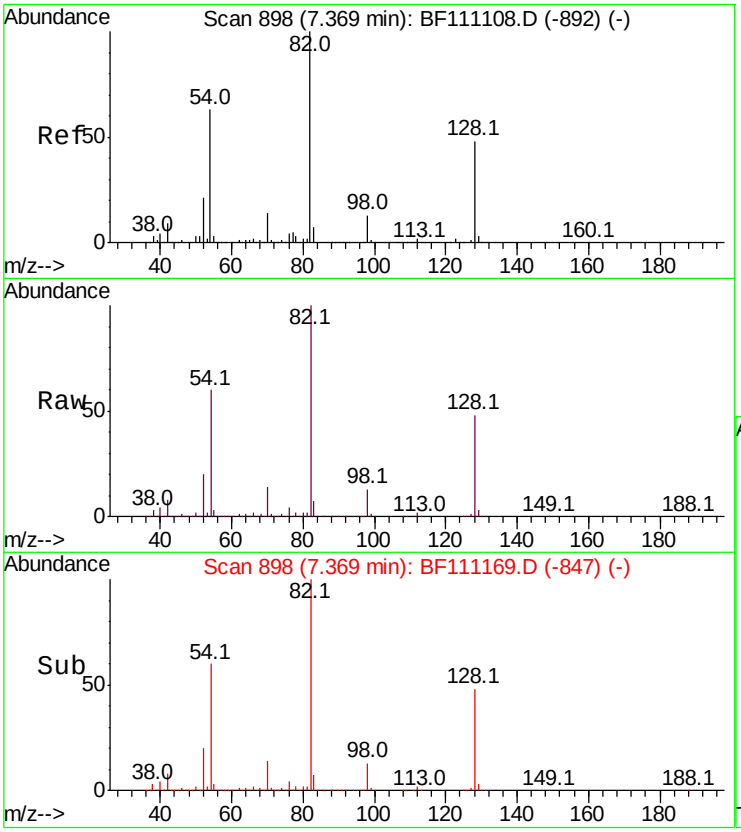


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:136 Resp: 1501574

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.9	8.4	12.6
68	6.1	5.0	7.4



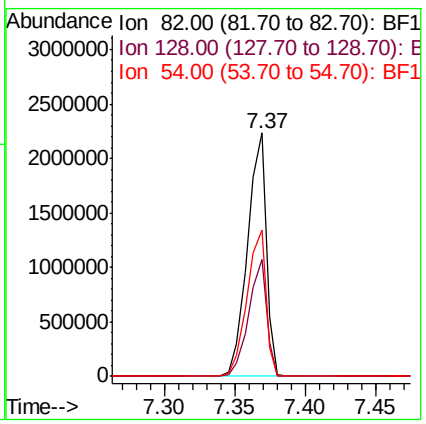


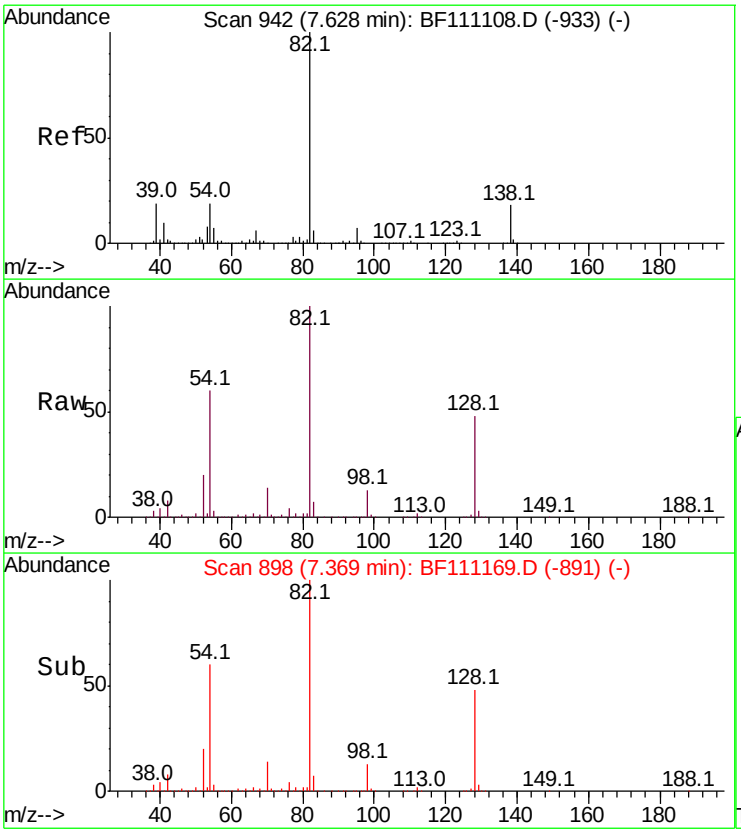
#23
Nitrobenzene-d5
Concen: 82.398 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 2089845

Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.1	57.1
54	60.3	50.3	75.5

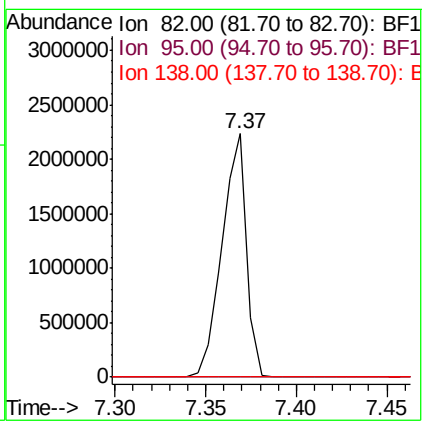


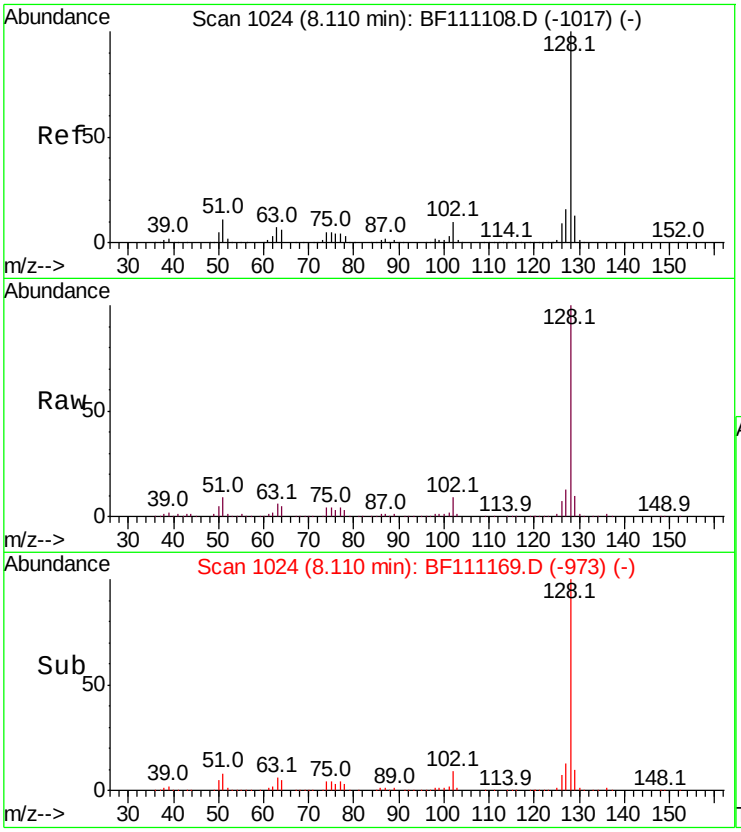


#25
Isophorone
Concen: 44.797 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion: 82 Resp: 2085143

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



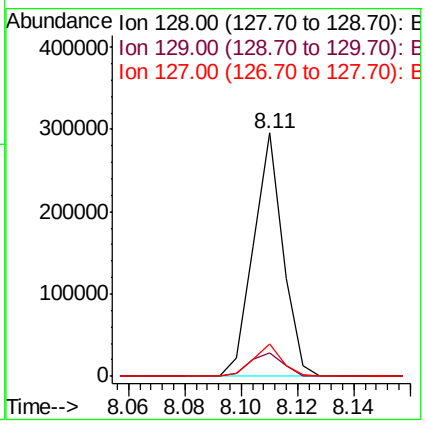


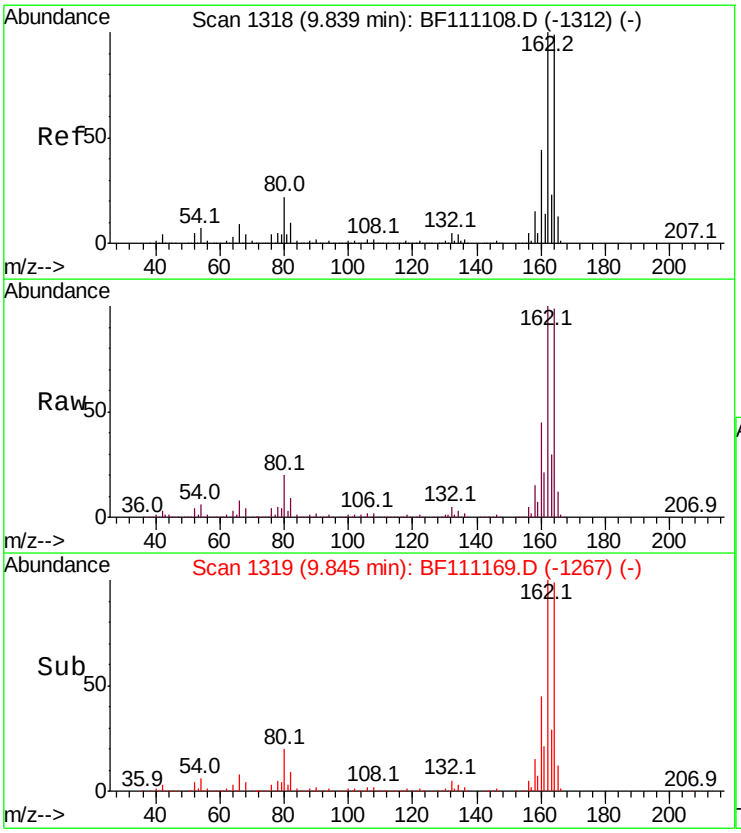
#31
Naphthalene
Concen: 3.286 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 214824

Ion	Ratio	Lower	Upper
128	100		
129	9.9	10.5	15.7#
127	13.1	12.5	18.7

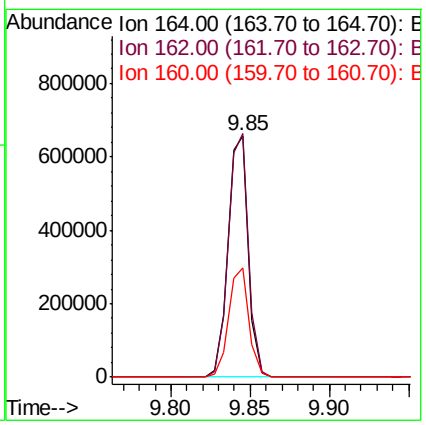


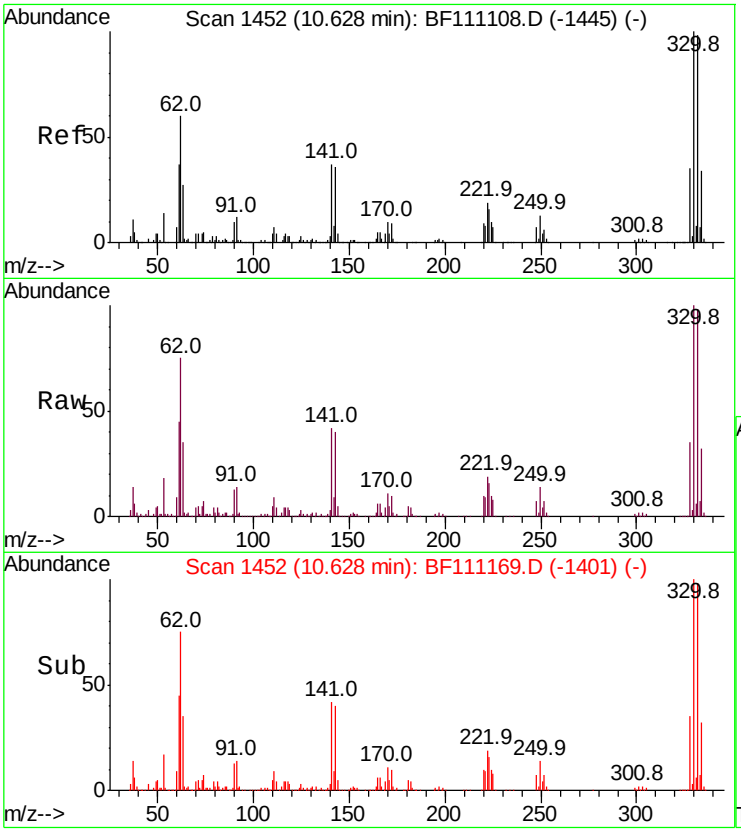


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:164 Resp: 576760

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	120.8
160	45.2	35.5	53.3



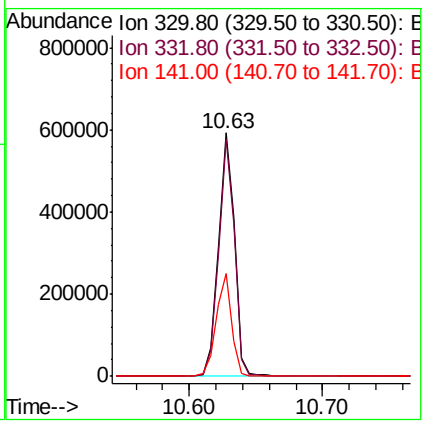


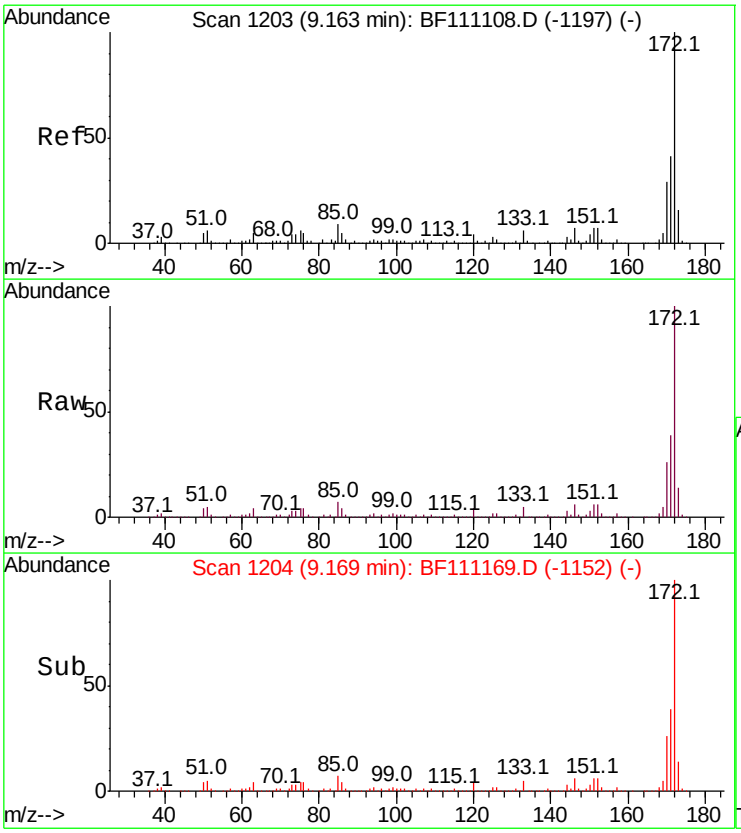
#42
2,4,6-Tribromophenol
Concen: 110.587 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 506996

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	40.9	36.1	54.1

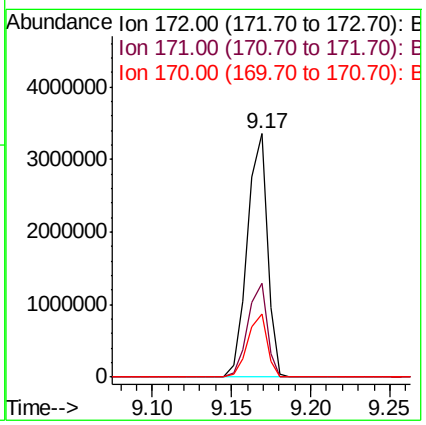


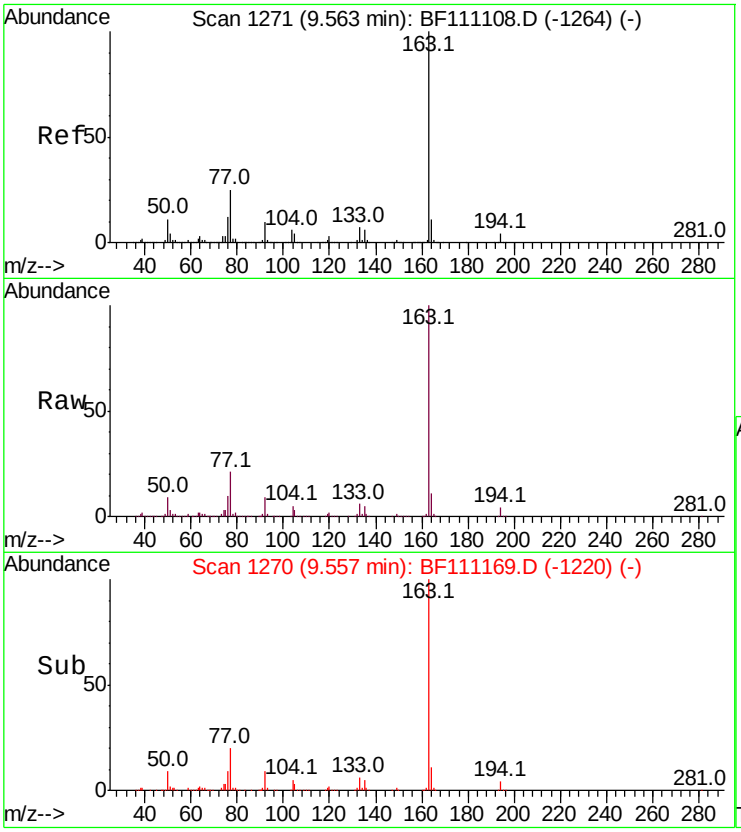


#45
2-Fluorobiphenyl
Concen: 96.798 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:172 Resp: 2953898

Ion	Ratio	Lower	Upper
172	100		
171	38.6	33.2	49.8
170	26.0	22.9	34.3



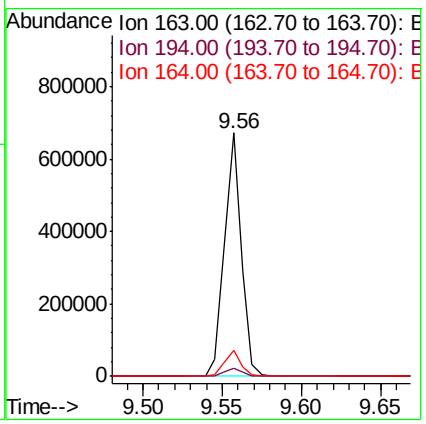


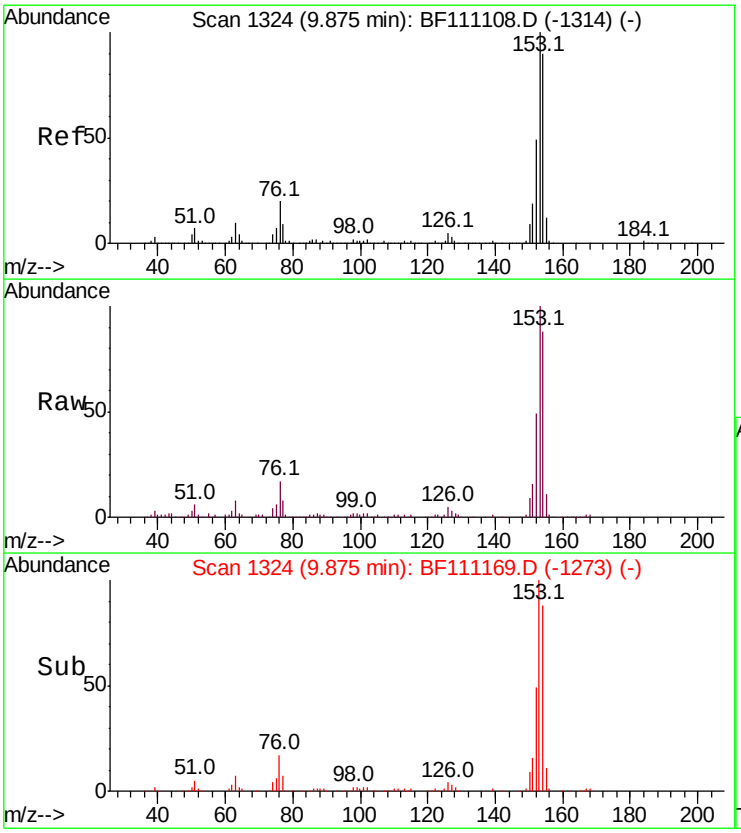
#50
Dimethylphthalate
Concen: 12.326 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 494771

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.6	8.9	13.3

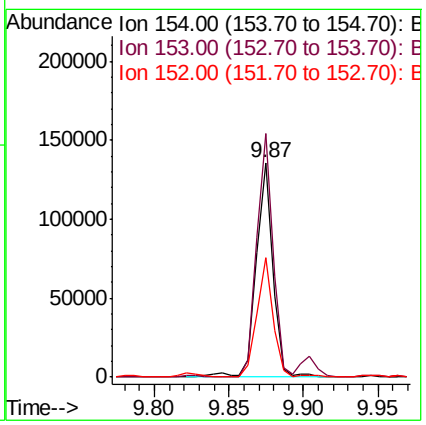


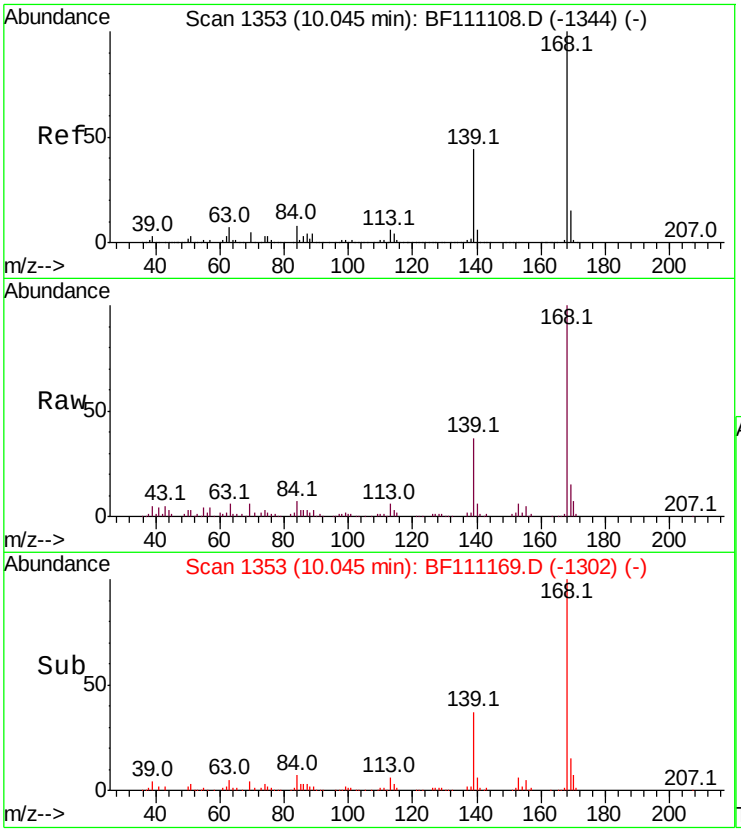


#52
Acenaphthene
Concen: 3.073 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:154 Resp: 104107

Ion	Ratio	Lower	Upper
154	100		
153	113.5	88.7	133.1
152	55.4	43.8	65.8



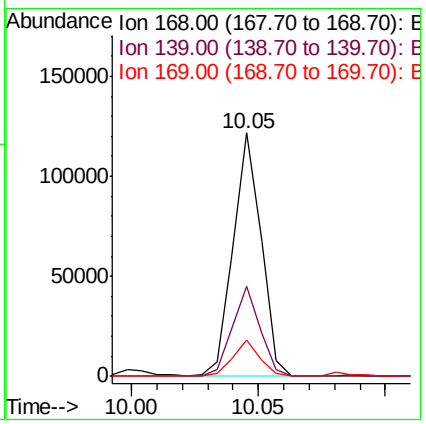


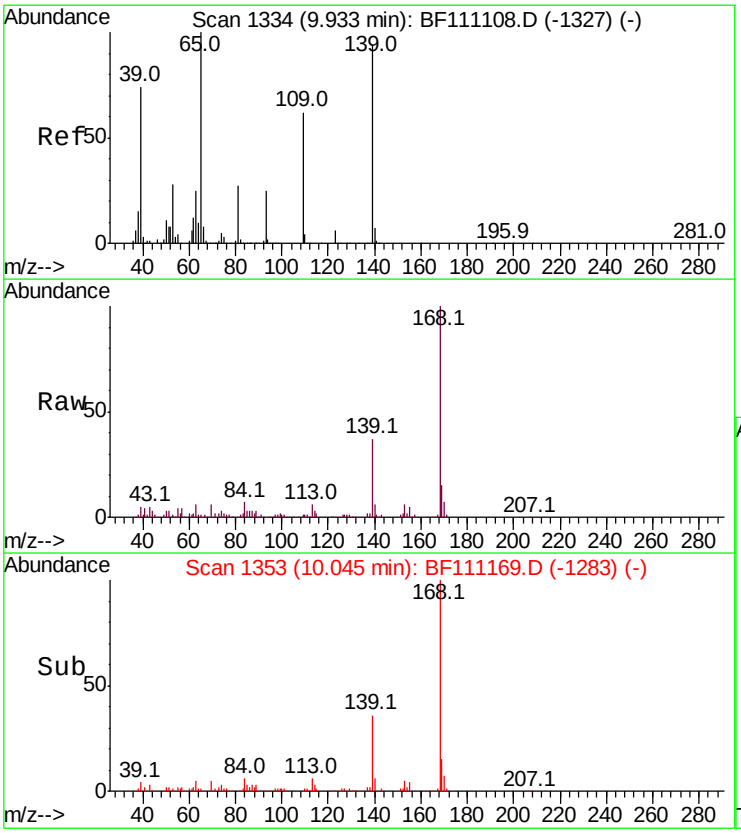
#55
Dibenzofuran
Concen: 2.000 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 93336

Ion	Ratio	Lower	Upper
168	100		
139	36.8	35.1	52.7
169	14.7	12.2	18.4

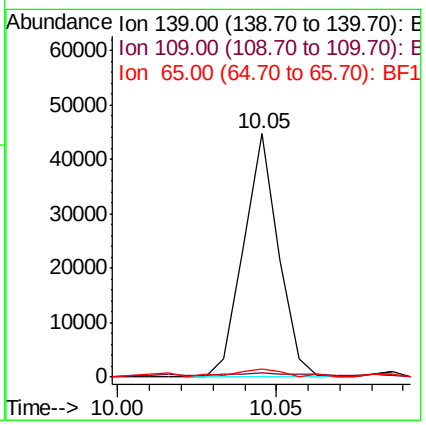


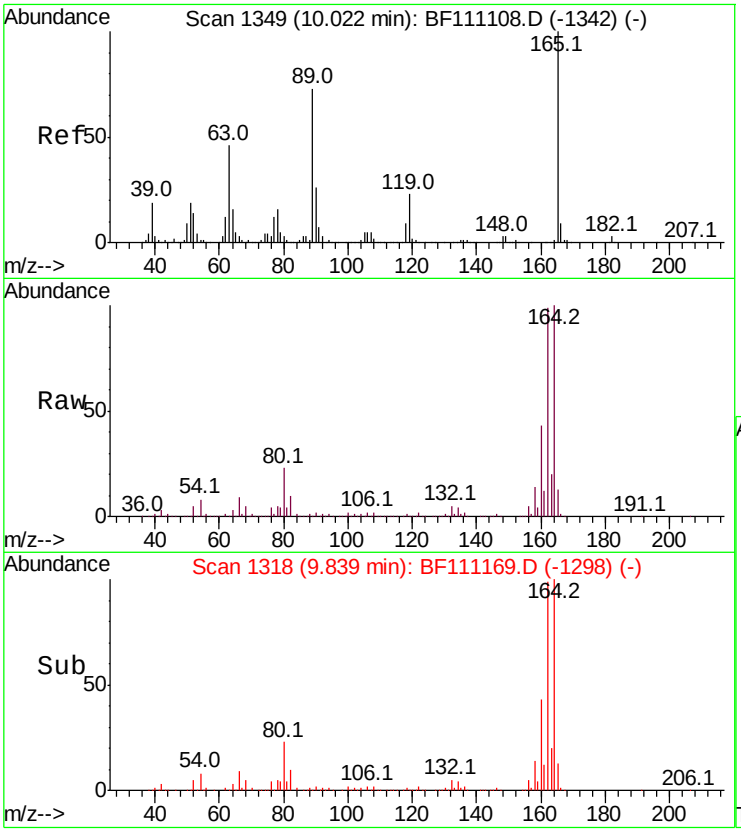


#56
4-Nitrophenol
Concen: 4.229 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.11 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:139 Resp: 34070

Ion	Ratio	Lower	Upper
139	100		
109	1.8	46.1	86.1#
65	3.2	87.0	127.0#



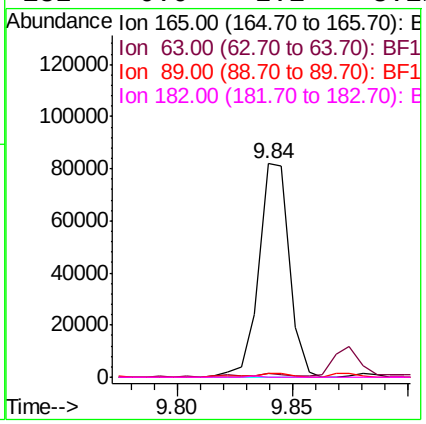


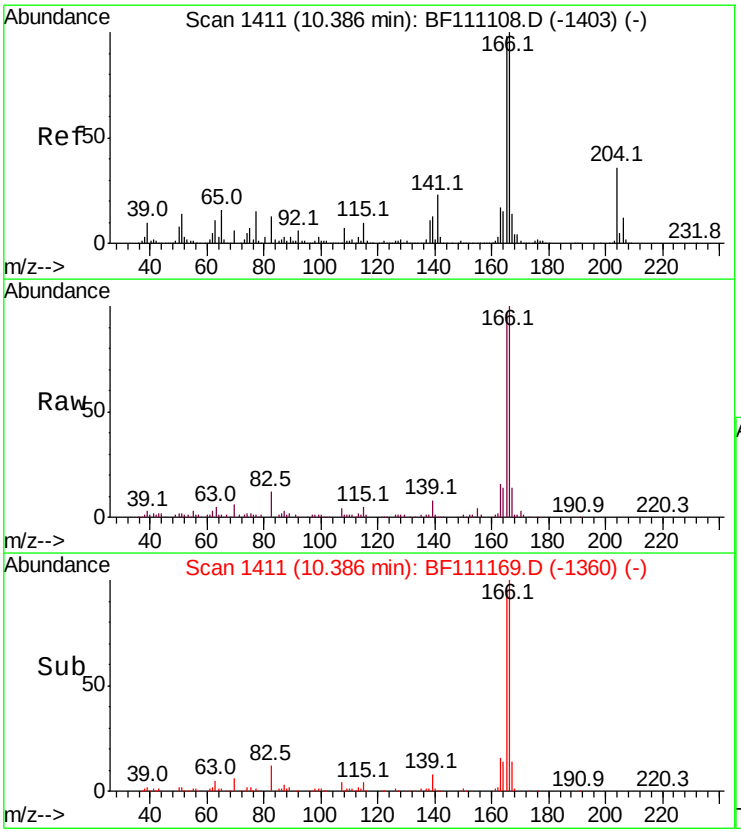
#57
2,4-Dinitrotoluene
Concen: 6.909 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 75940

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.7	55.1#
89	1.5	58.4	87.6#
182	0.0	2.1	3.1#

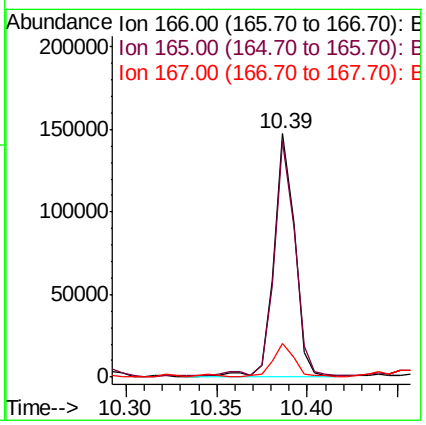


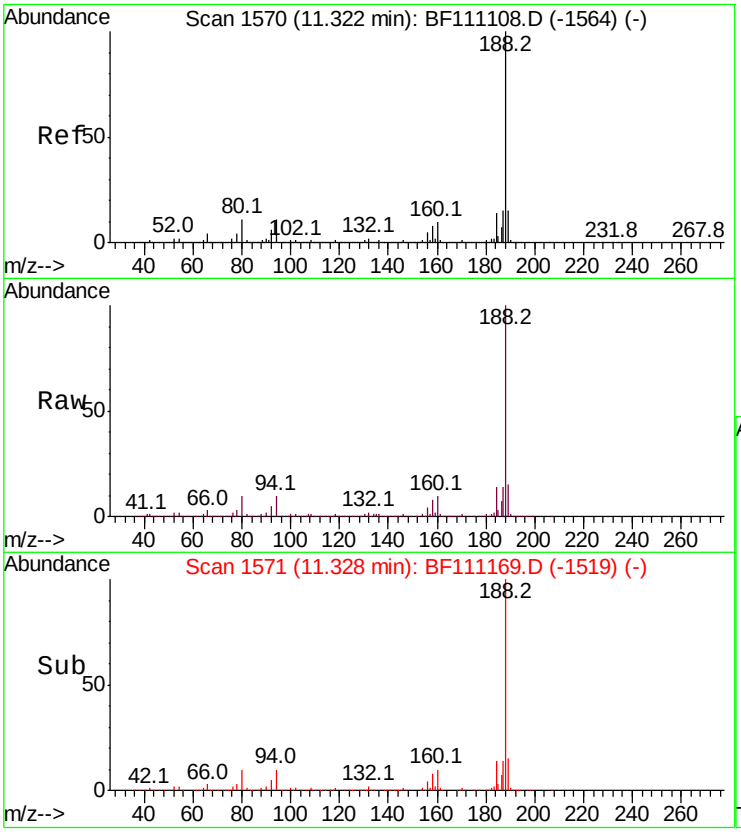


#58
Fluorene
Concen: 3.576 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:166 Resp: 117674

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.4	117.6
167	13.6	11.4	17.2



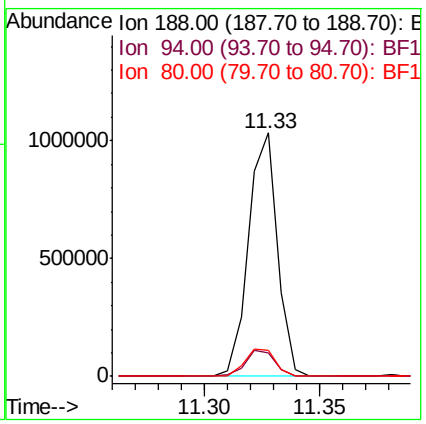


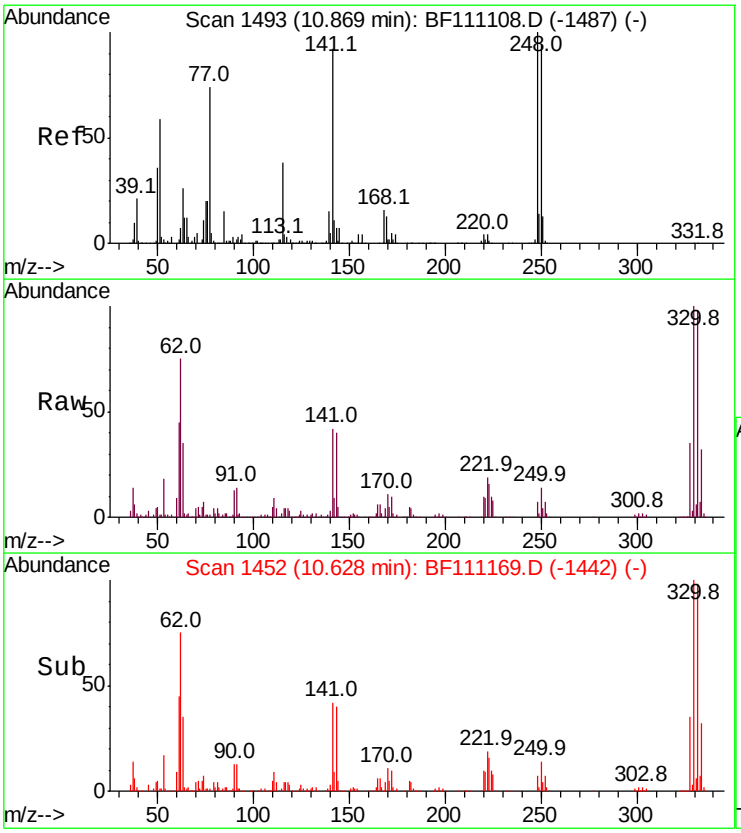
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 908585

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.5	9.0	13.6

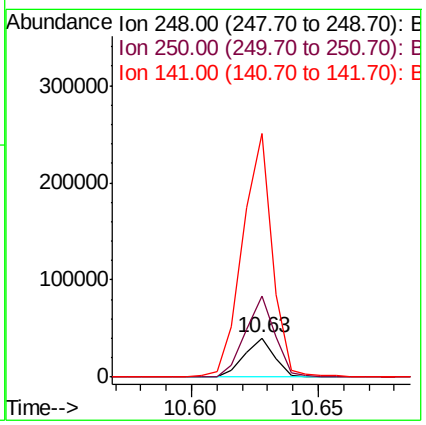


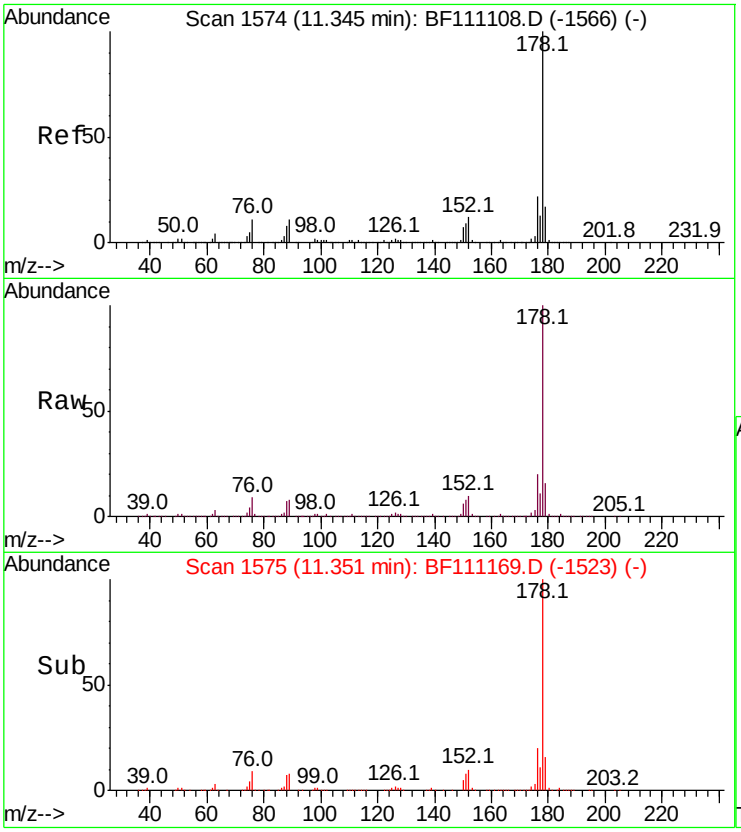


#67
4-Bromophenyl-phenylether
Concen: 3.490 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:248 Resp: 33566

Ion	Ratio	Lower	Upper
248	100		
250	205.6	75.4	113.0#
141	620.2	73.8	110.6#



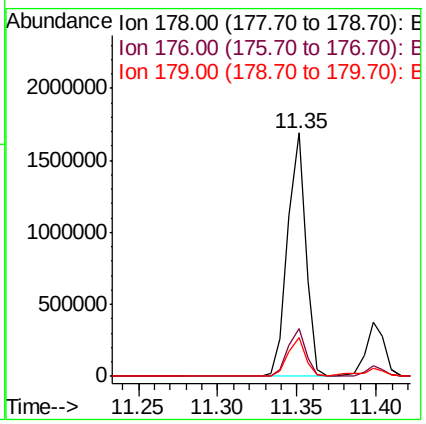


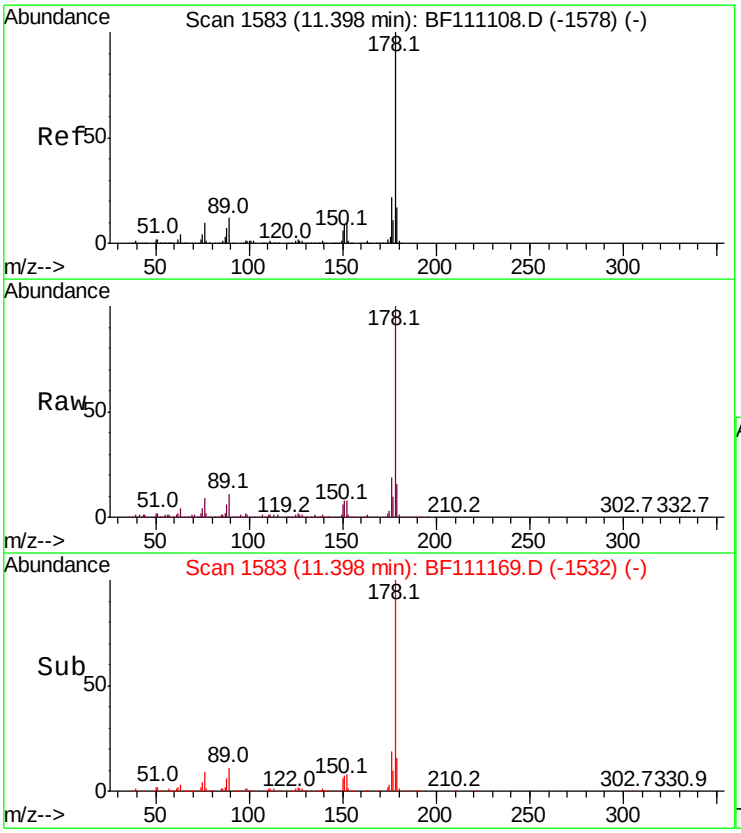
#71
Phenanthrene
Concen: 30.747 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1343787

Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.7	26.5
179	15.7	14.0	21.0

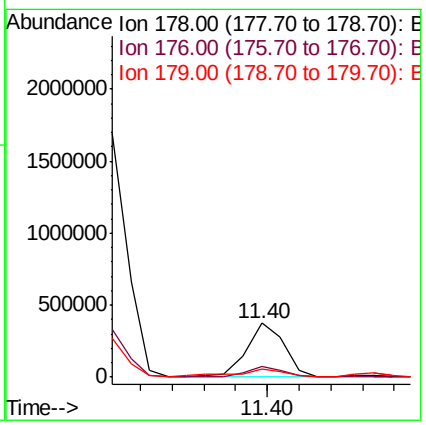


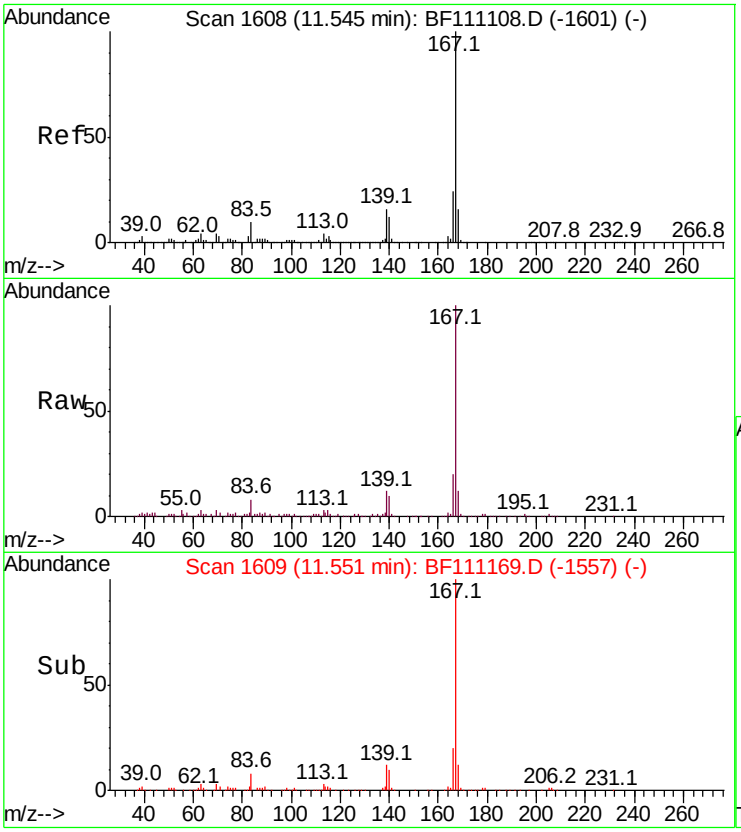


#72
Anthracene
Concen: 6.903 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:178 Resp: 304106

Ion	Ratio	Lower	Upper
178	100		
176	19.2	17.3	25.9
179	15.8	13.8	20.8



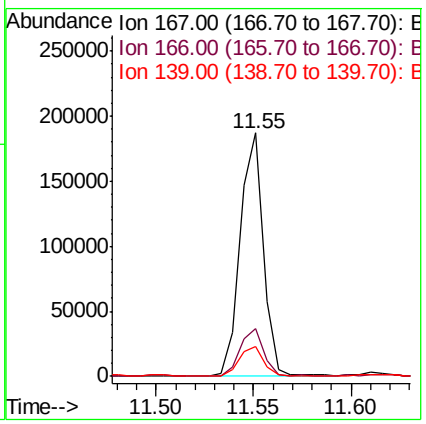


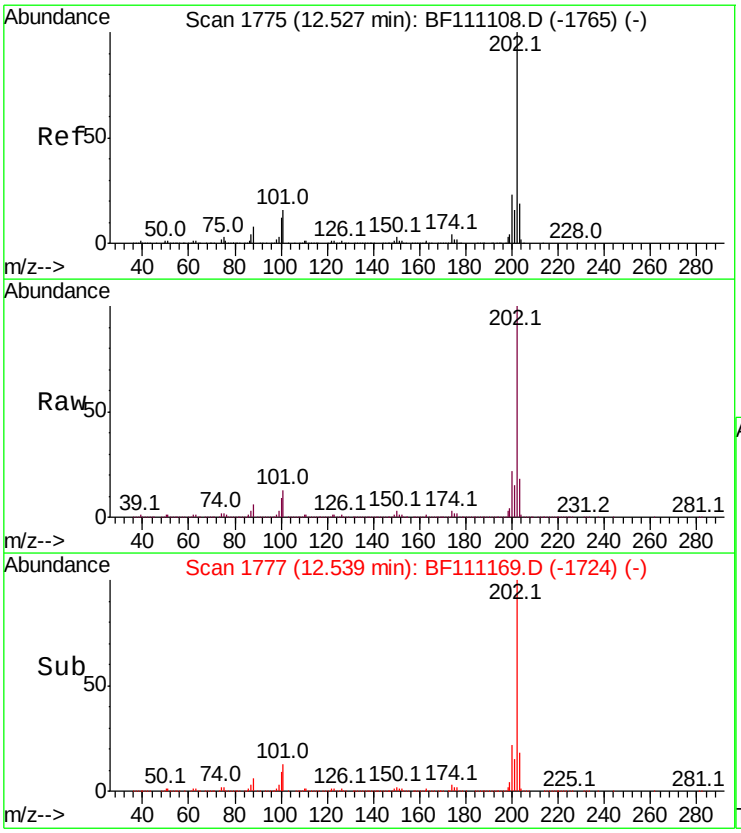
#73
Carbazole
Concen: 3.389 ng
RT: 11.55 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 155338

Ion	Ratio	Lower	Upper
167	100		
166	19.6	19.4	29.0
139	12.5	12.6	18.8#

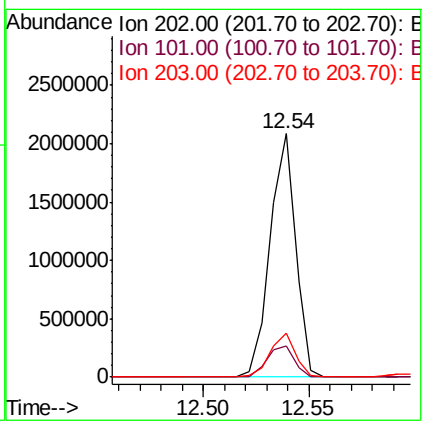


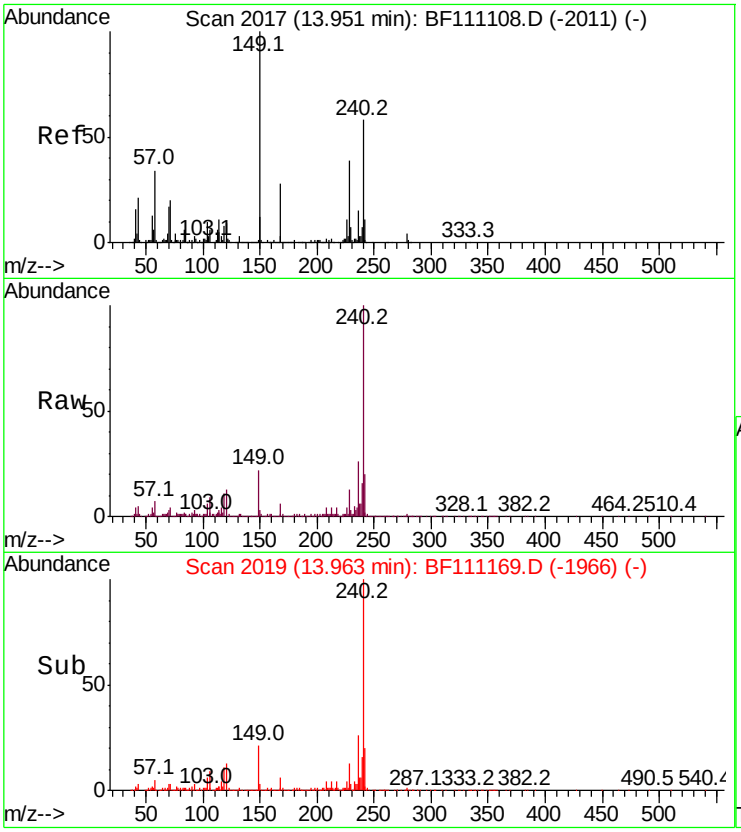


#75
Fluoranthene
Concen: 41.003 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:202 Resp: 1753522

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	35.8
203	18.2	0.0	38.6



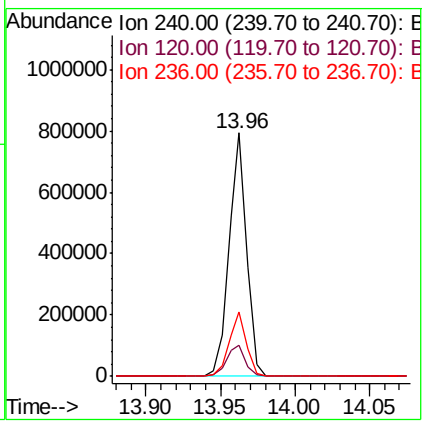


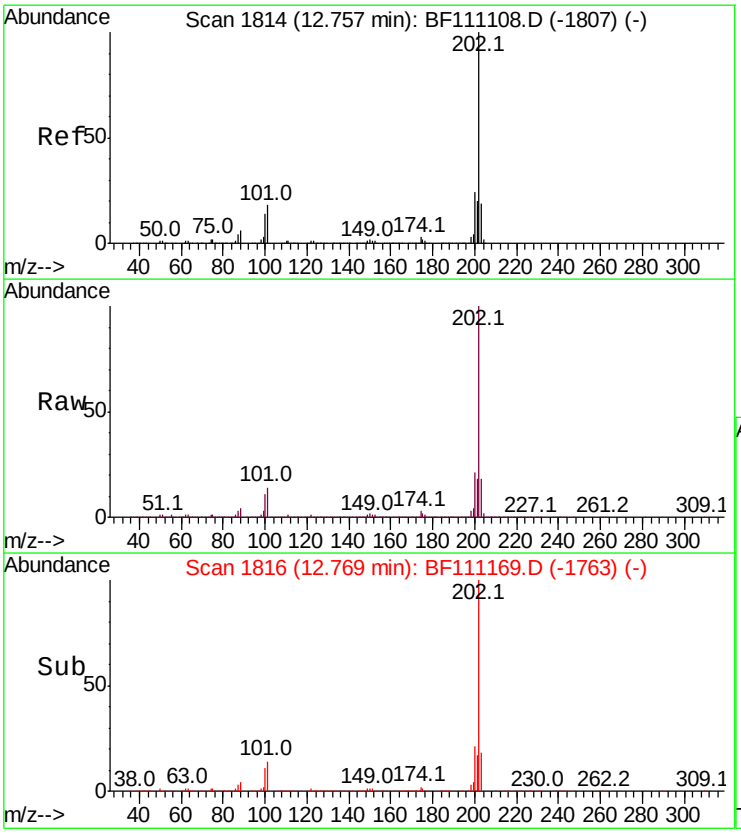
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 657796

Ion	Ratio	Lower	Upper
240	100		
120	13.0	12.8	19.2
236	26.4	21.1	31.7

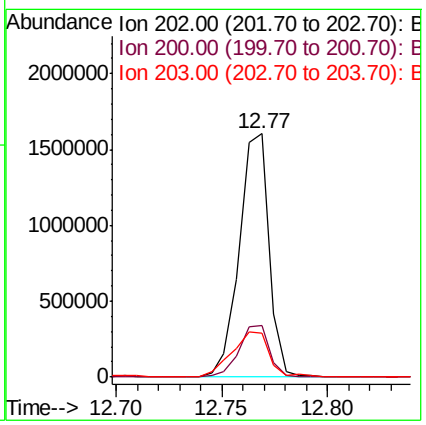


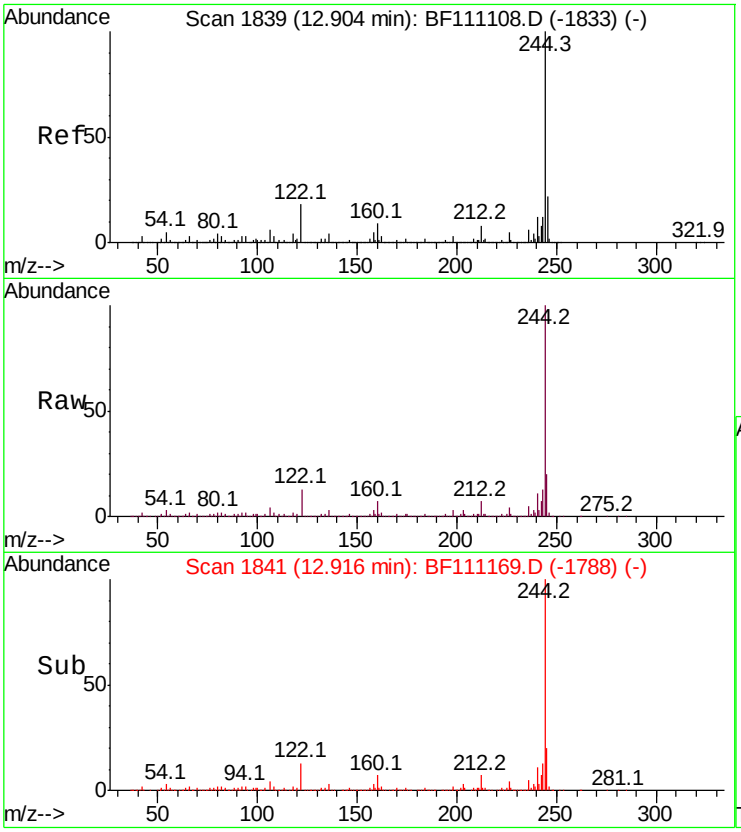


#78
Pyrene
Concen: 30.583 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:202 Resp: 1567269

Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.3	28.9
203	18.1	15.4	23.2



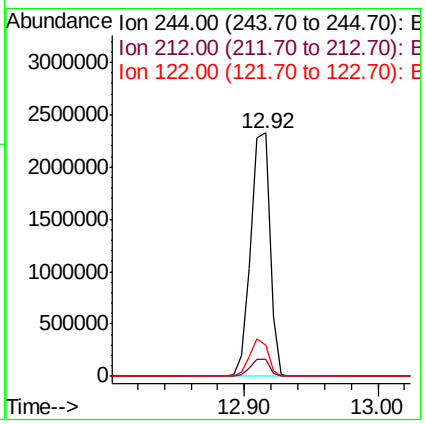


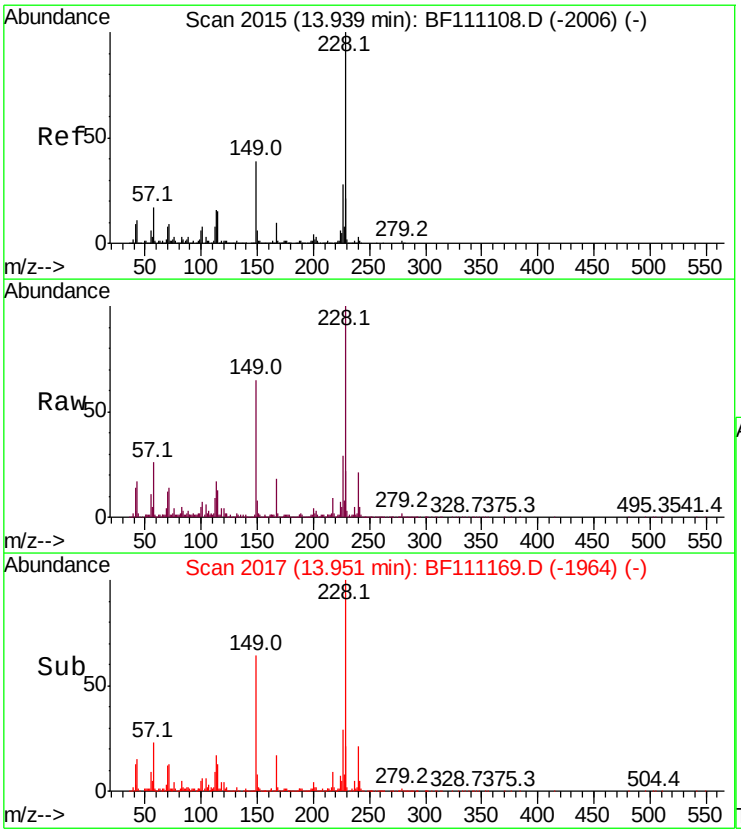
#79
Terphenyl-d14
Concen: 71.036 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2281619

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.6	9.8
122	13.0	14.2	21.2#

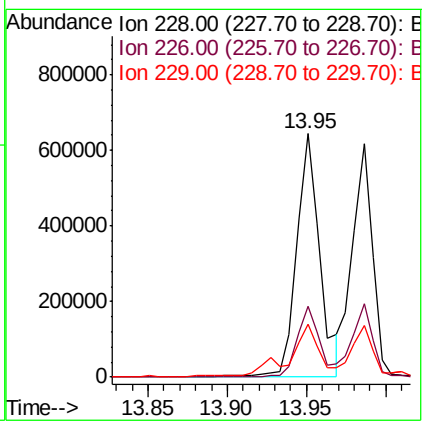


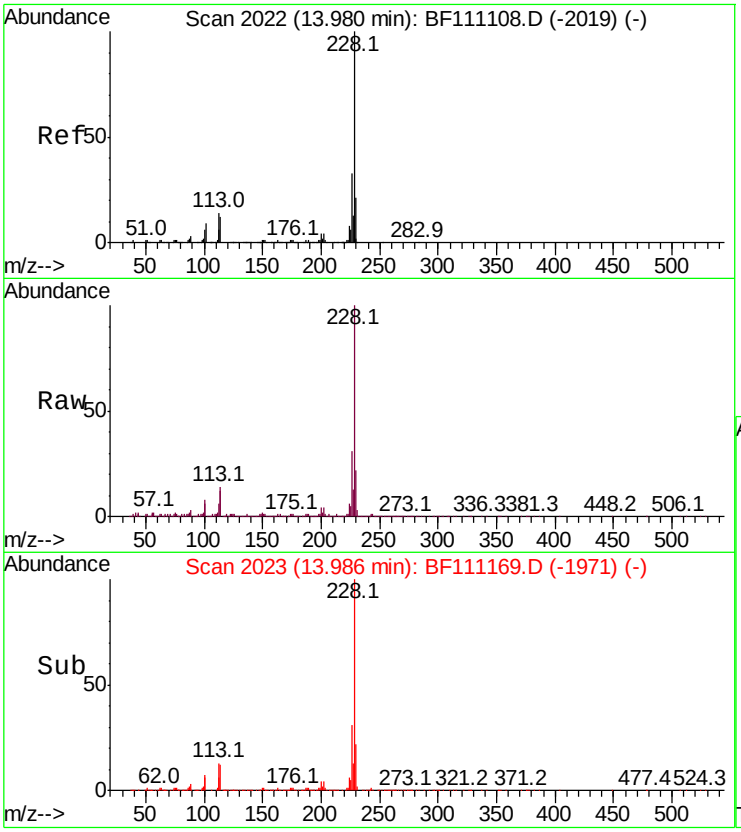


#81
Benzo(a)anthracene
Concen: 16.831 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:228 Resp: 648687

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	21.5	16.7	25.1



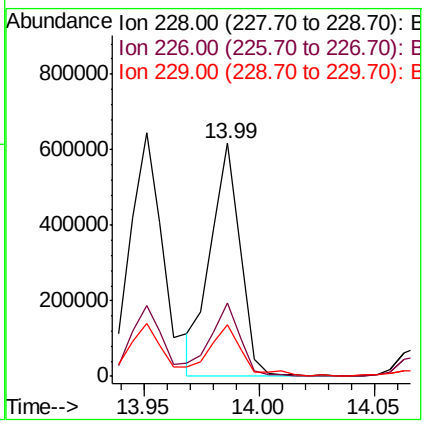


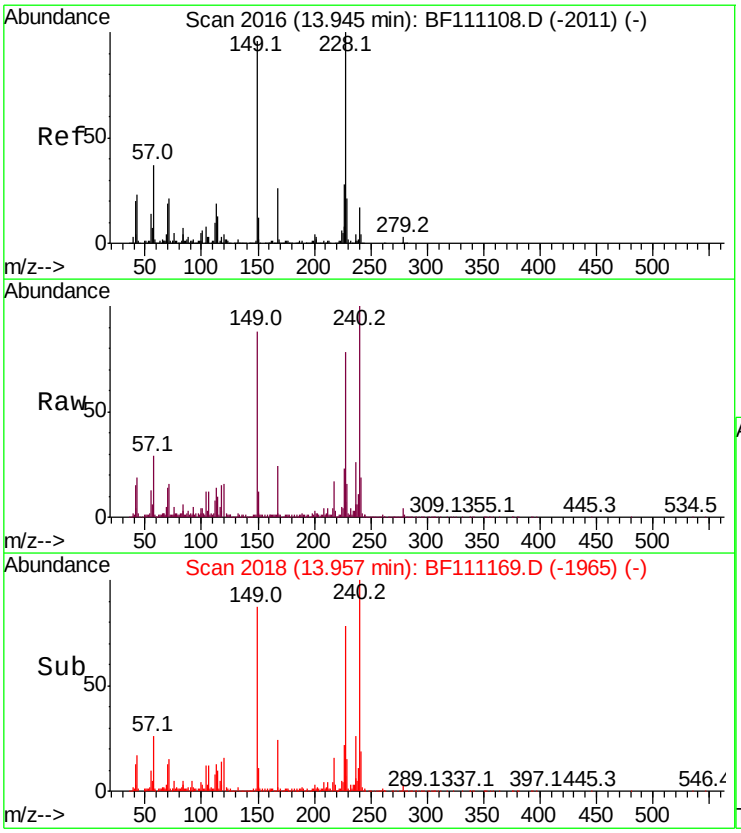
#83
Chrysene
Concen: 14.240 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 544827

Ion	Ratio	Lower	Upper
228	100		
226	31.4	26.2	39.2
229	22.0	16.9	25.3

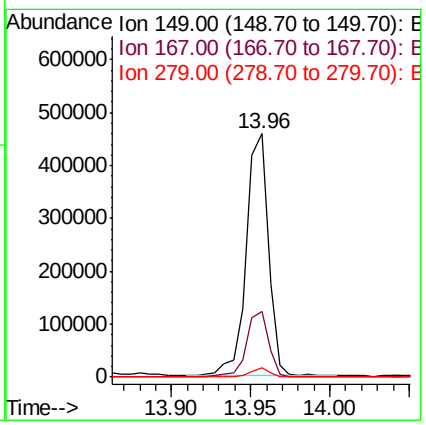


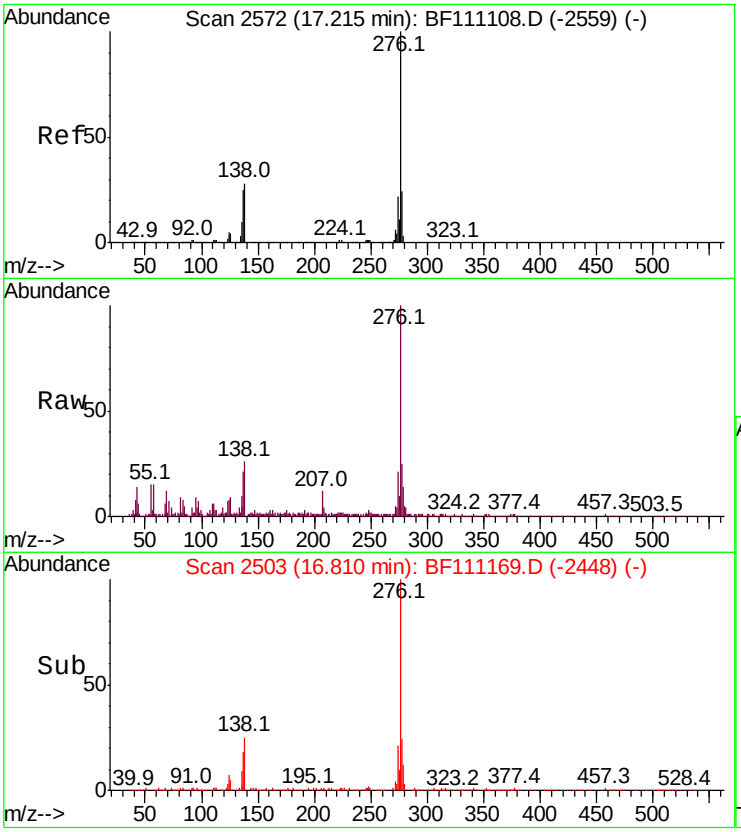


#84
Bis(2-ethylhexyl)phthalate
Concen: 14.940 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:149 Resp: 446748

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	4.0	2.3	3.5#



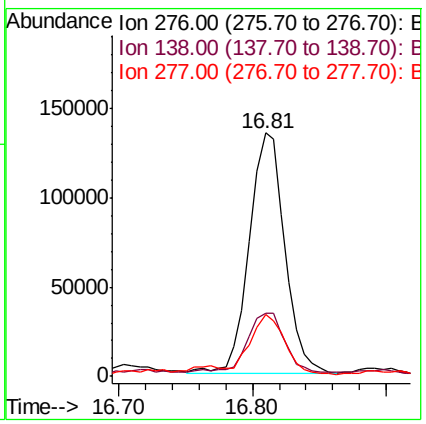


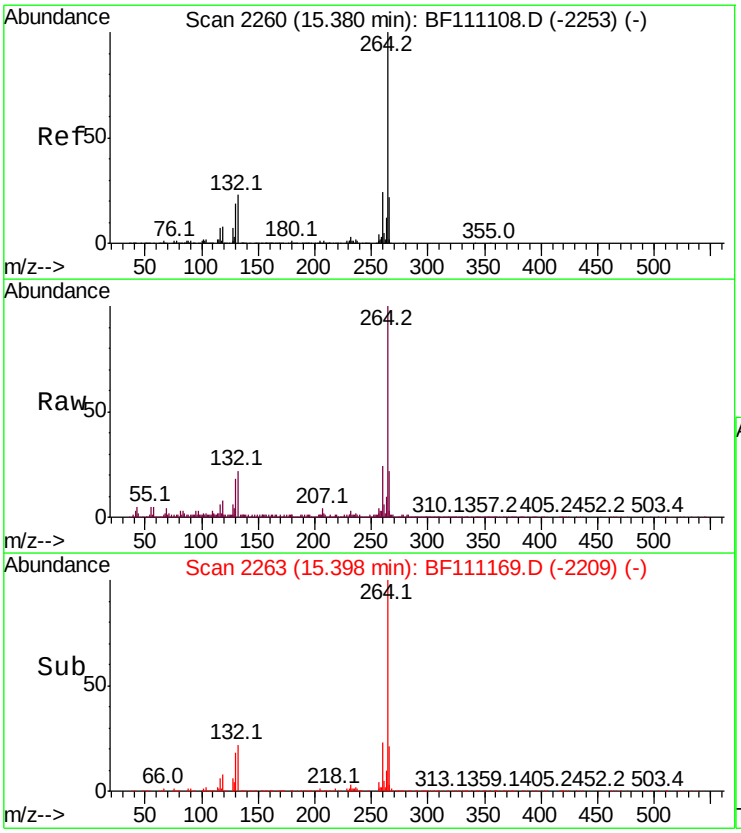
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.068 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.02 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 247858

Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.2	30.4
277	24.7	15.8	23.6#

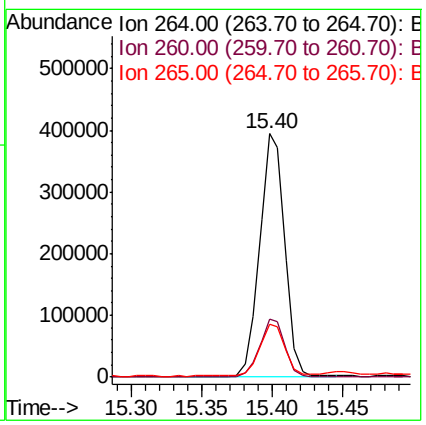


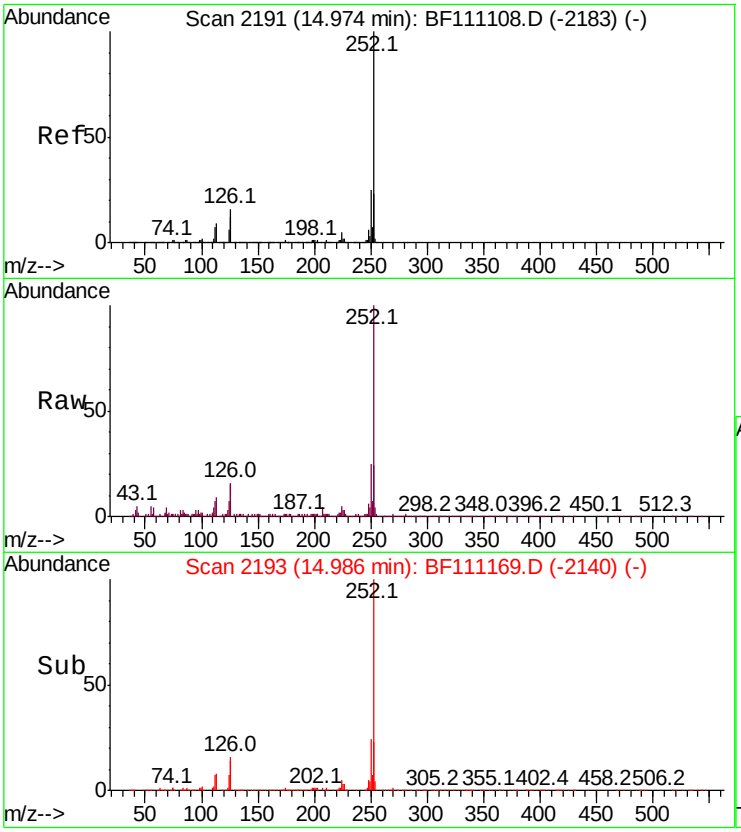


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:264 Resp: 493277

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.8	17.4	26.0



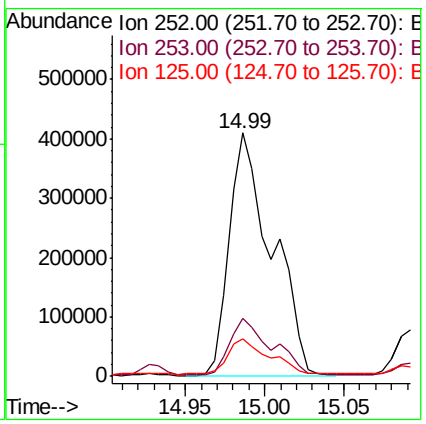


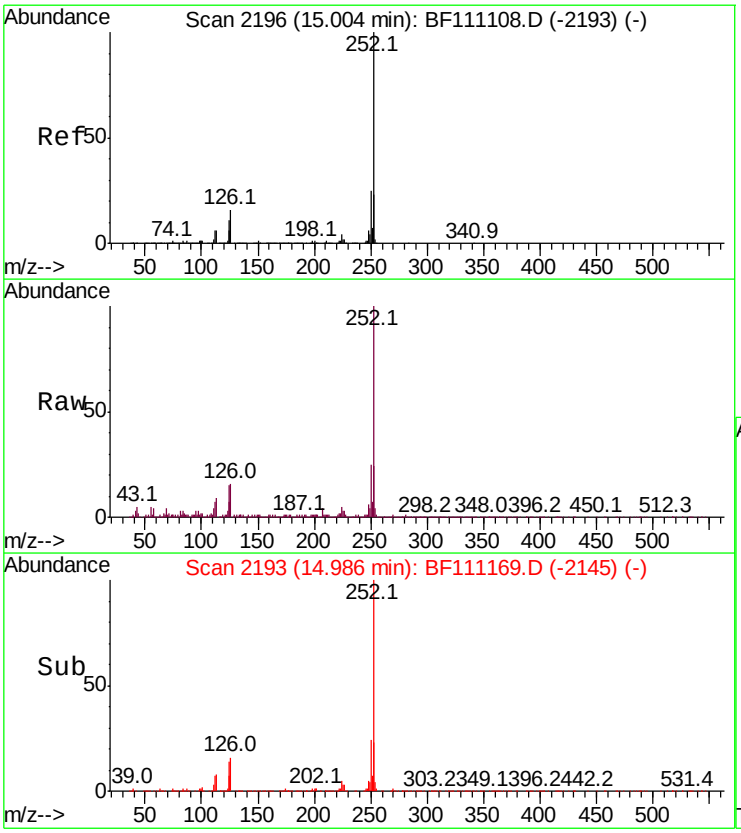
#88
Benzo(b)fluoranthene
Concen: 27.261 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 761980

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	15.4	9.9	14.9#

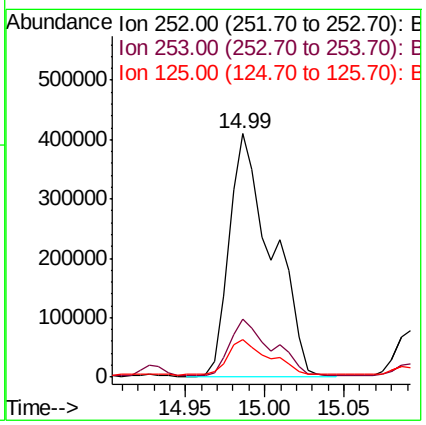


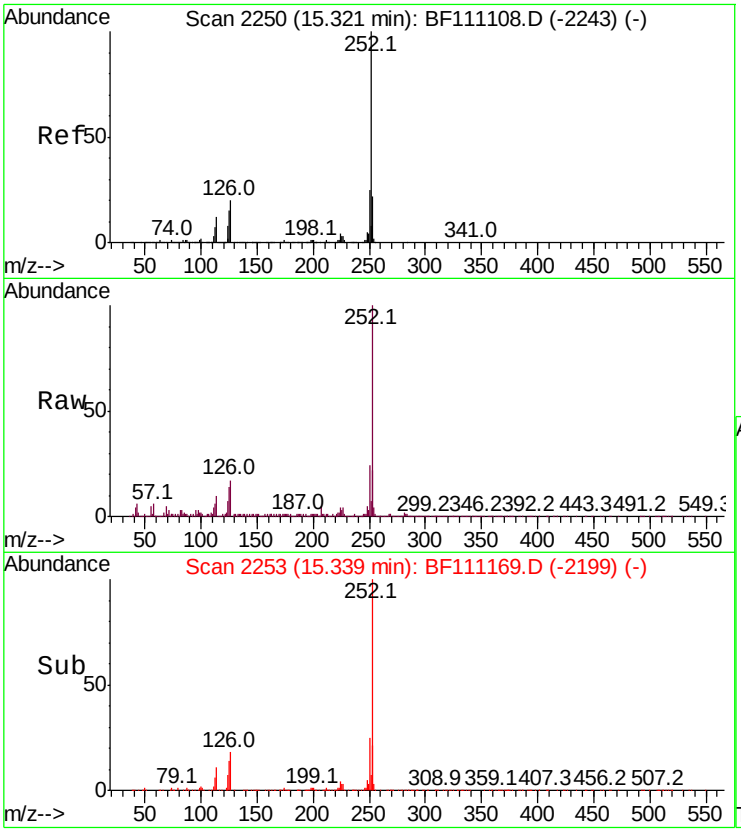


#89
Benzo(k)fluoranthene
Concen: 28.199 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:252 Resp: 761980

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	15.4	9.9	14.9#



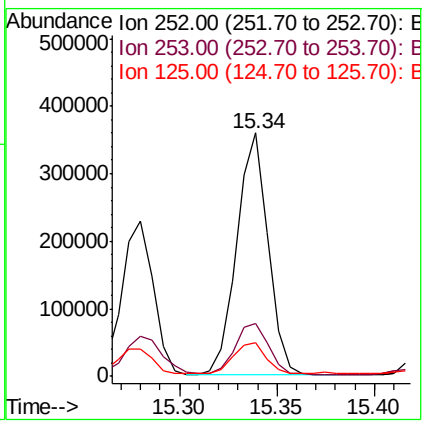


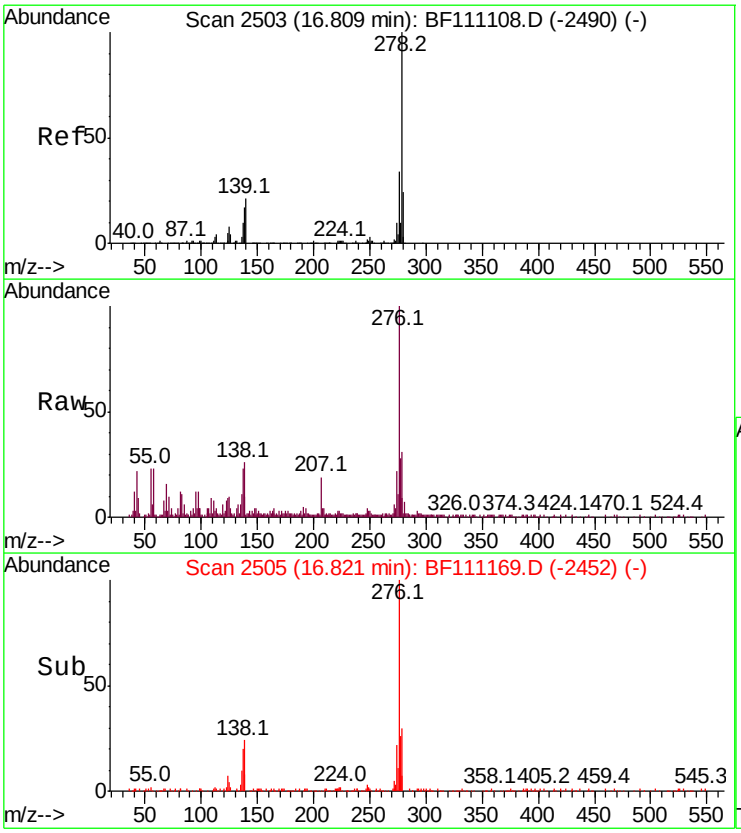
#90
Benzo(a)pyrene
Concen: 15.618 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 400425

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	13.7	12.4	18.6

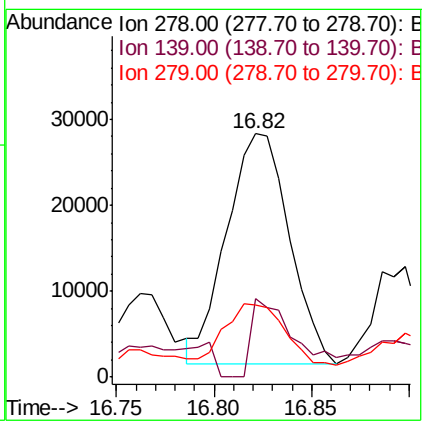


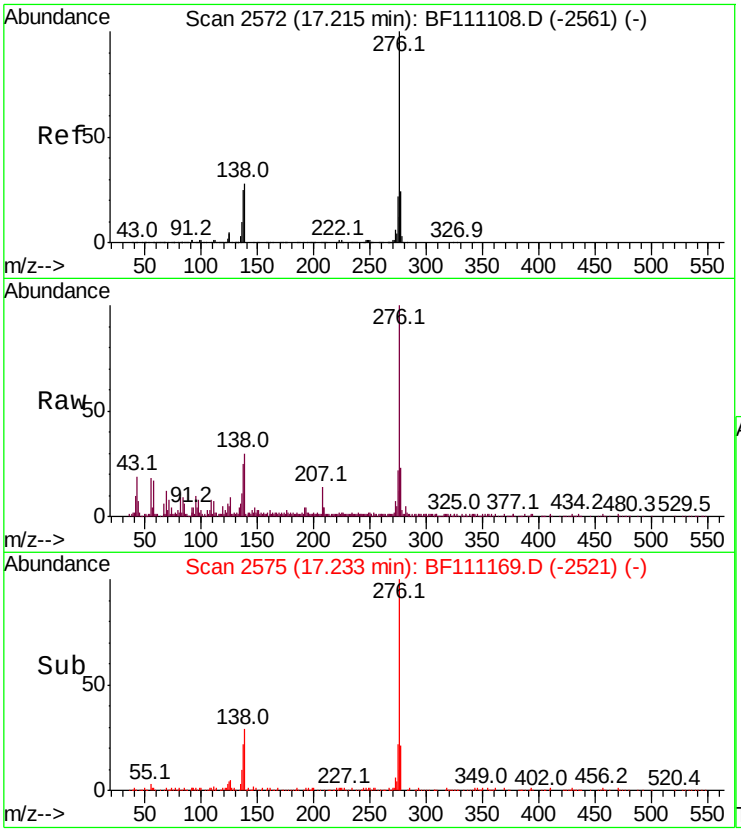


#91
Dibenzo(a,h)anthracene
Concen: 2.771 ng
RT: 16.82 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Tgt Ion:278 Resp: 59616

Ion	Ratio	Lower	Upper
278	100		
139	32.0	16.6	25.0#
279	29.5	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 10.828 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.02 min
Lab File: BF111169.D
Acq: 7 Dec 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 234099

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.3	28.9
138	29.8	22.3	33.5