Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121817\
Data File : BF101479.D
Acq On : 18 Dec 2017 14:36
Operator : SJ/JU
Sample : I6877-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(0-2)

Quant Time: Dec 18 15:42:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	166318	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	675239	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	295305	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	493579	20.00	ng		0.00
75) Chrysene-d12	13.99	240	283707	20.00	ng		0.00
86) Perylene-d12	15.46	264	322812	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1181326	105.80	ng		0.01
7) Phenol-d6	6.45	99	1475547	106.19	ng		0.00
23) Nitrobenzene-d5	7.38	82	974701	80.35	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	303824	106.77	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1428101	75.02	ng		0.00
78) Terphenyl-d14	12.92	244	989878	84.11	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	73946	4.669	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	129852	14.229	ng	#	81
25) Isophorone	7.38	82	974695	40.055	ng	#	64
31) Naphthalene	8.11	128	88170	2.594	ng		99
32) Benzoic acid	7.92	122	1592	8.162	ng	#	71
48) Acenaphthylene	9.71	152	77045	2.434	ng		98
49) Dimethylphthalate	9.56	163	145475	6.124	ng		100
51) Acenaphthene	9.87	154	75468	3.969	ng		96
53) 2,4-Dinitrophenol	10.13	184	176	10.412	ng	#	1
54) Dibenzofuran	10.05	168	59257	2.452	ng	#	98
57) Fluorene	10.39	166	68509	3.351	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	19408	3.499	ng	#	1
70) Phenanthrene	11.36	178	937381	34.150	ng		99
71) Anthracene	11.41	178	300116	10.704	ng		99
72) Carbazole	11.57	167	76581	2.917	ng		99
74) Fluoranthene	12.56	202	1367778	47.474	ng		98
77) Pyrene	12.79	202	1300224	61.066	ng		99
80) Benzo(a)anthracene	13.97	228	685453	36.589	ng		99
82) Chrysene	14.02	228	604192	34.158	ng		98
85) Indeno(1,2,3-cd)pyrene	16.94	276	413981	26.283	ng	#	91
87) Benzo(b)fluoranthene	15.03	252	1092978	55.548	ng		96
88) Benzo(k)fluoranthene	15.03	252	1092978	57.132	ng		98
89) Benzo(a)pyrene	15.40	252	671389	37.014	ng		96
90) Dibenzo(a,h)anthracene	17.11	278	94628	6.076	ng		96
91) Benzo(g,h,i)perylene	17.39	276	389917	25.285	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121817\
Data File : BF101479.D
Acq On : 18 Dec 2017 14:36
Operator : SJ/JU
Sample : I6877-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Quant Time: Dec 18 15:42:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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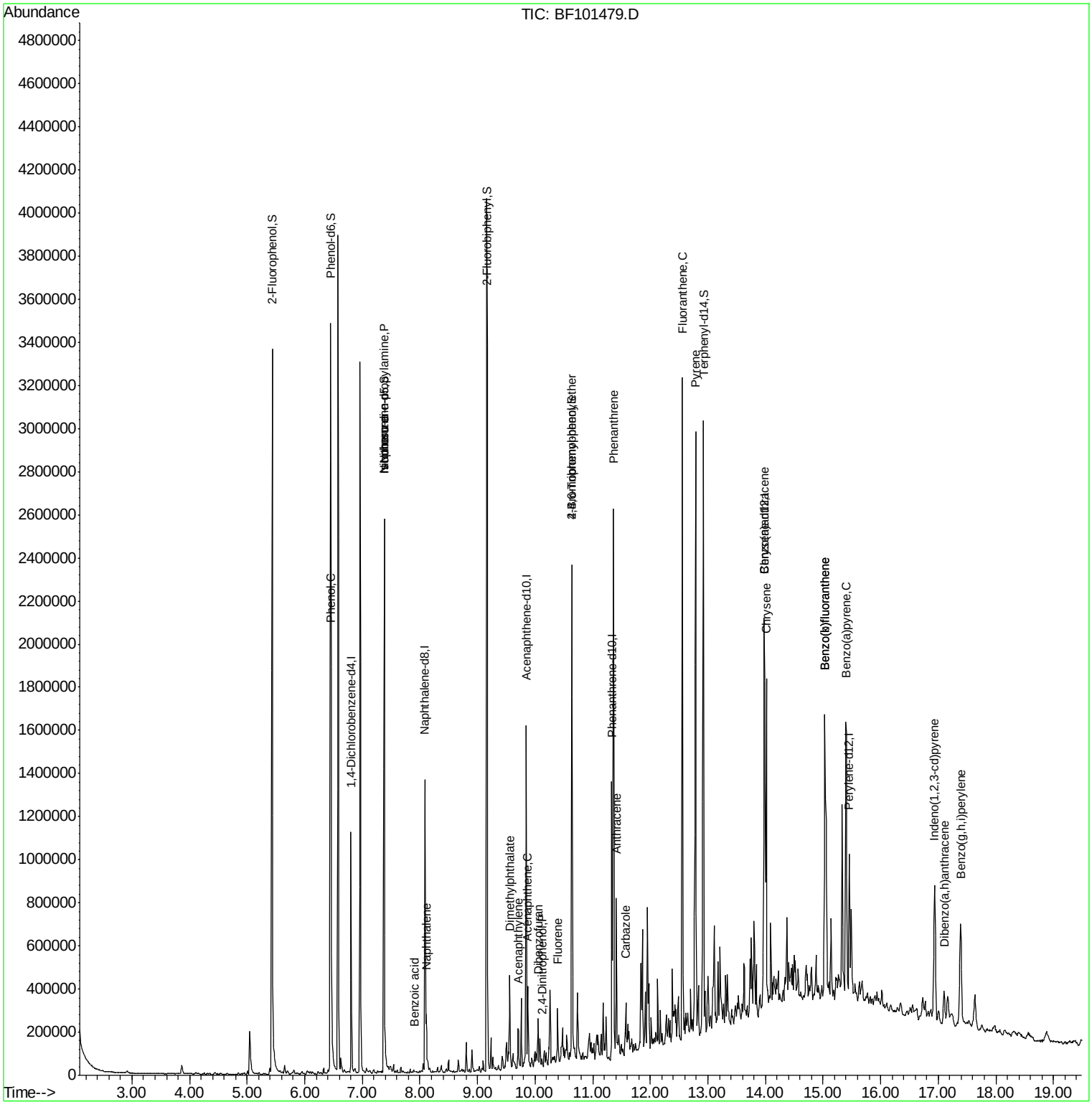
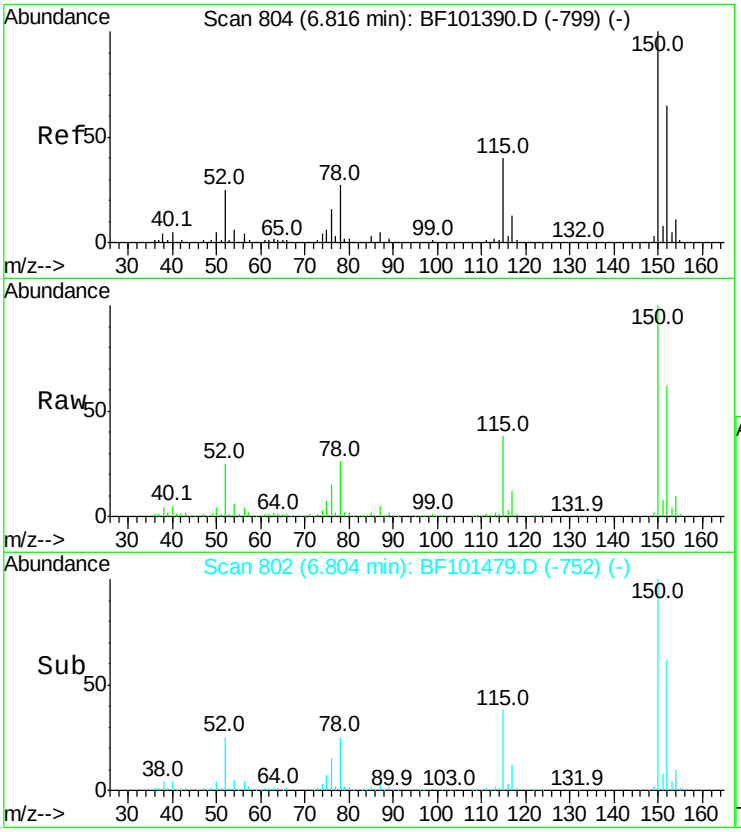


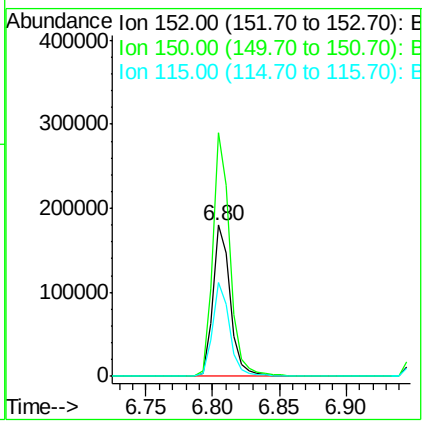


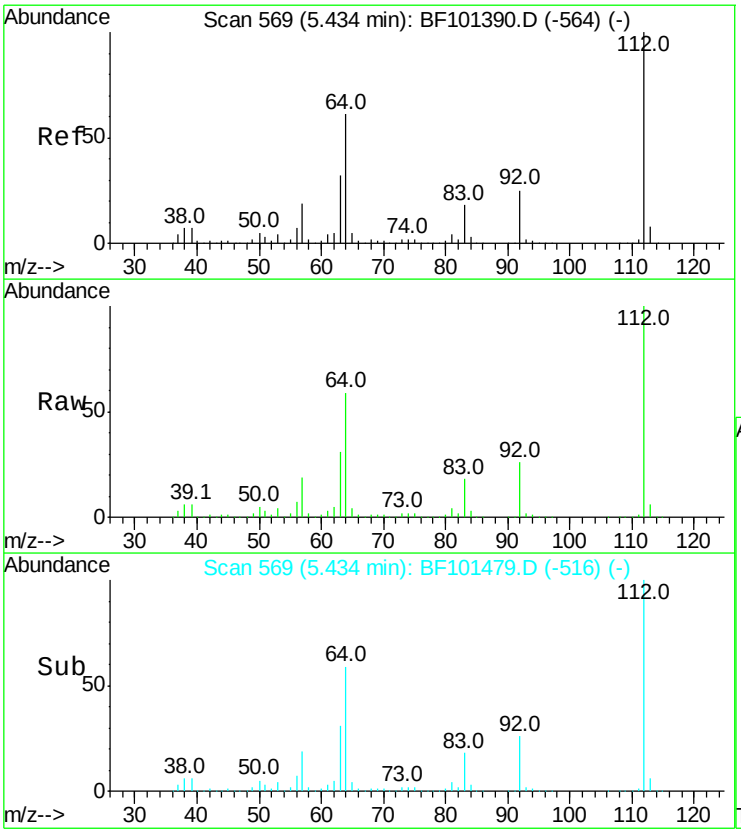
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:152 Resp: 166318

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	61.9	50.1	75.1

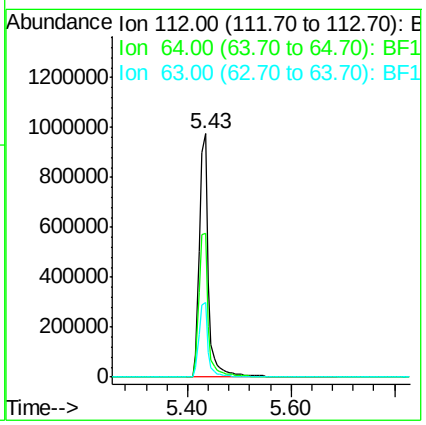


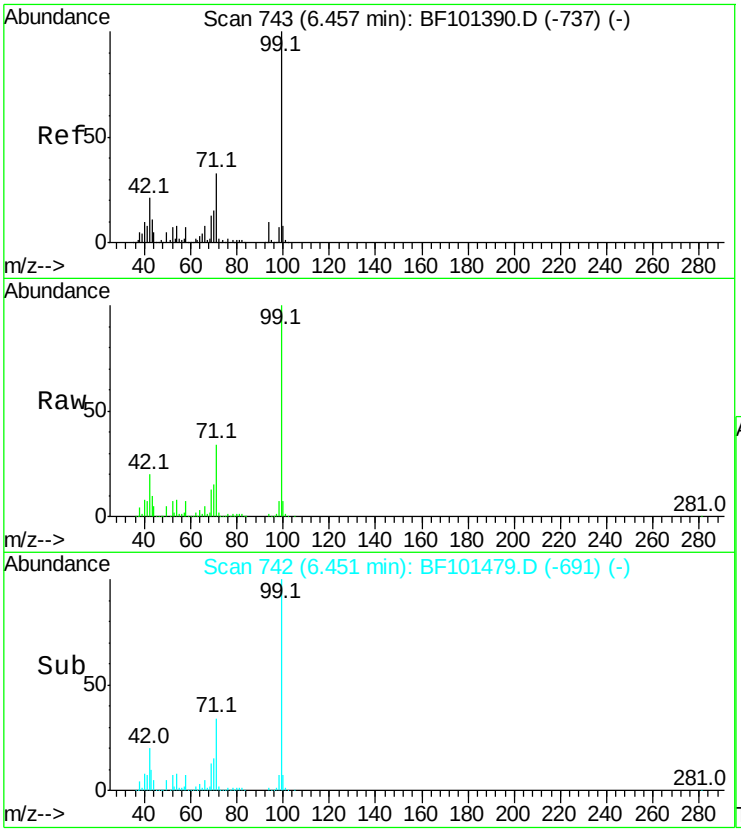


#5
2-Fluorophenol
Concen: 105.802 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:112 Resp: 1181326

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	30.6	23.7	35.5



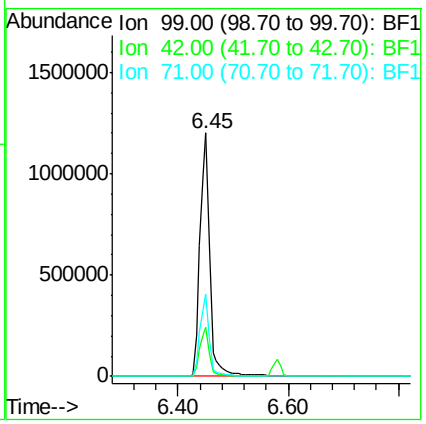


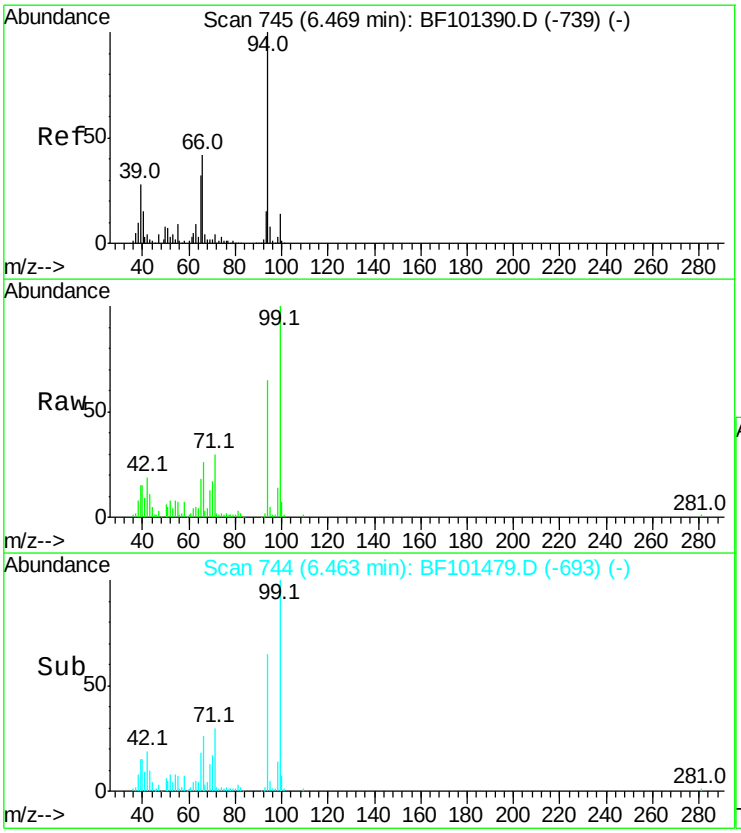
#7
Phenol-d6
Concen: 106.186 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion: 99 Resp: 1475547

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	34.0	25.4	38.0

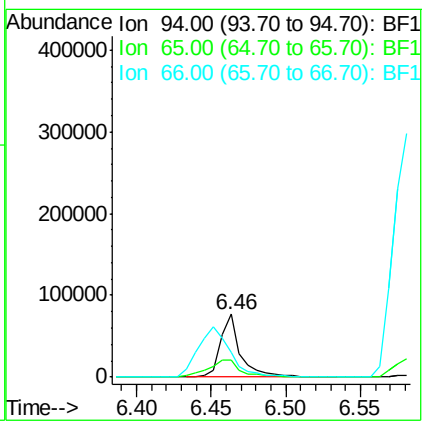


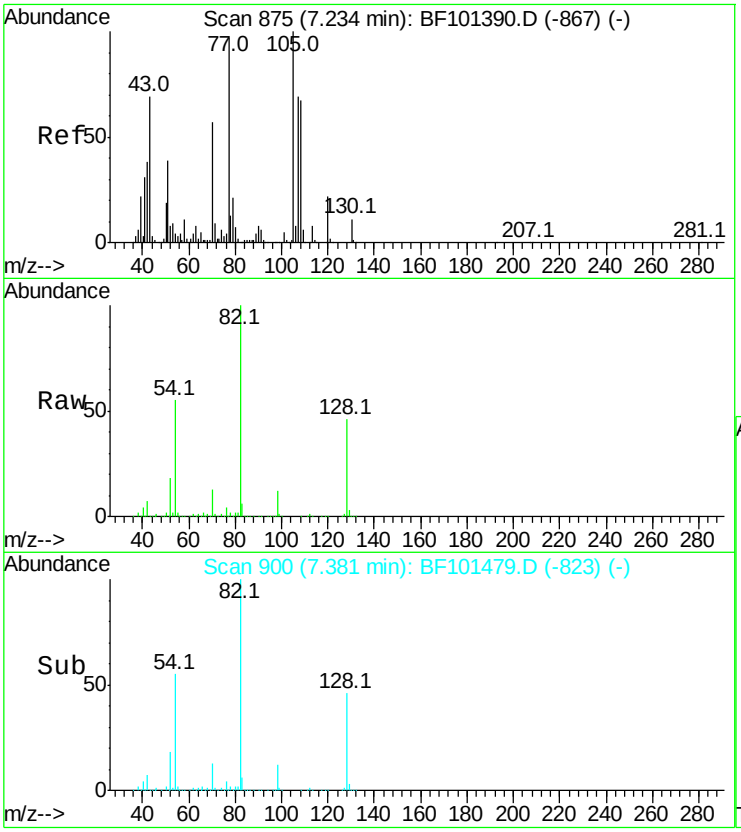


#10
Phenol
Concen: 4.669 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion: 94 Resp: 73946

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.9	47.9
66	39.9	16.2	56.2



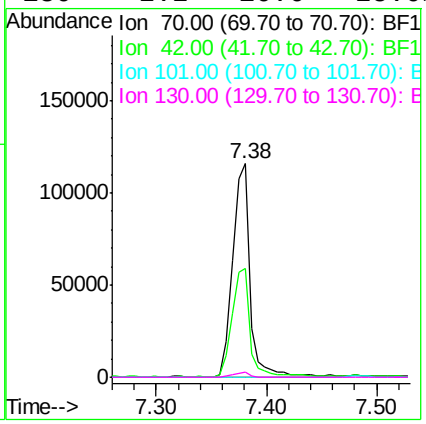


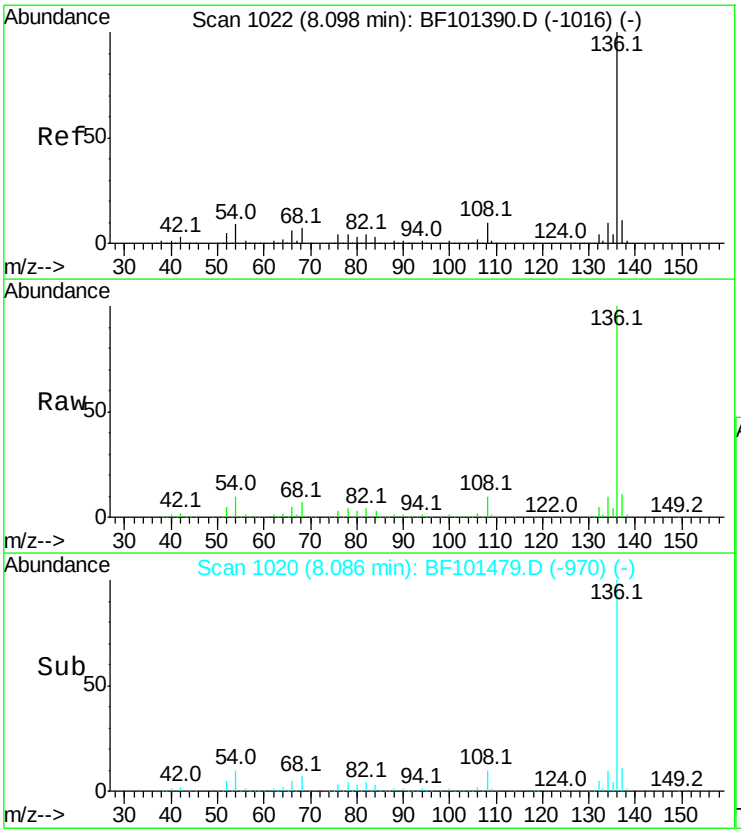
#19
n-Nitroso-di-n-propylamine
Concen: 14.229 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion: 70 Resp: 129852

Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

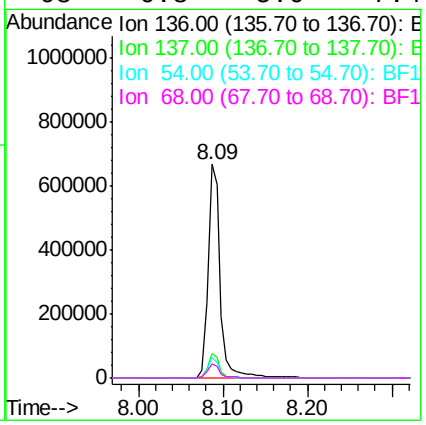


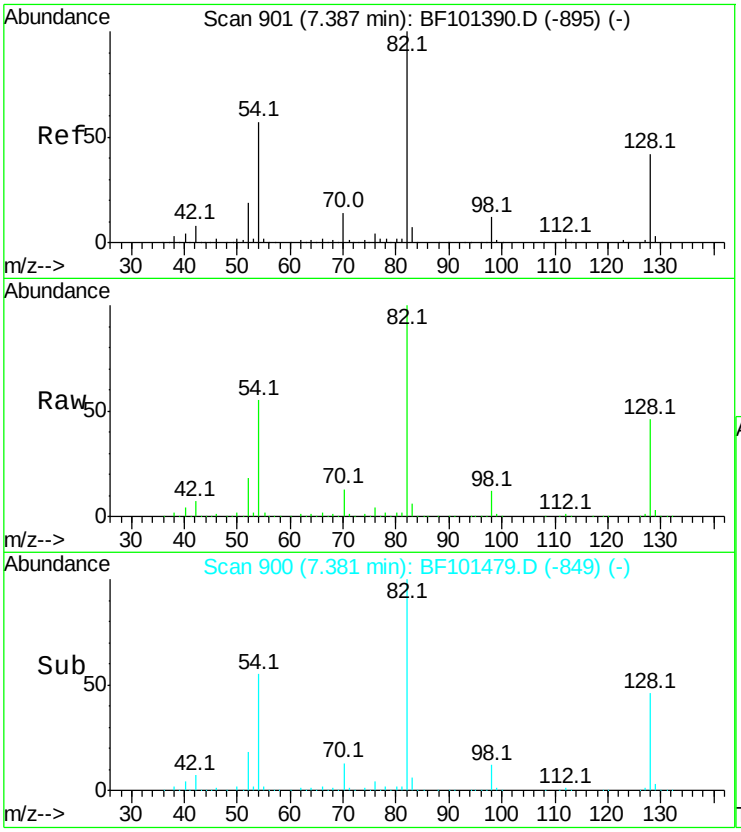


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:136 Resp: 675239

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.5	6.6	9.8
68	6.8	5.0	7.4



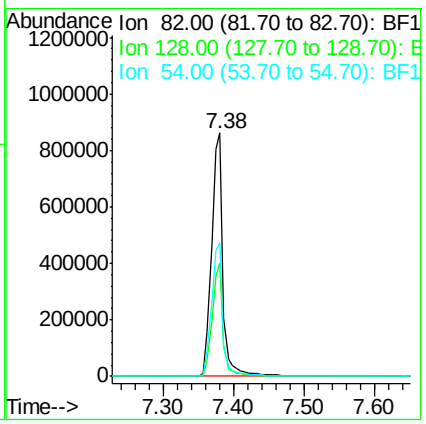


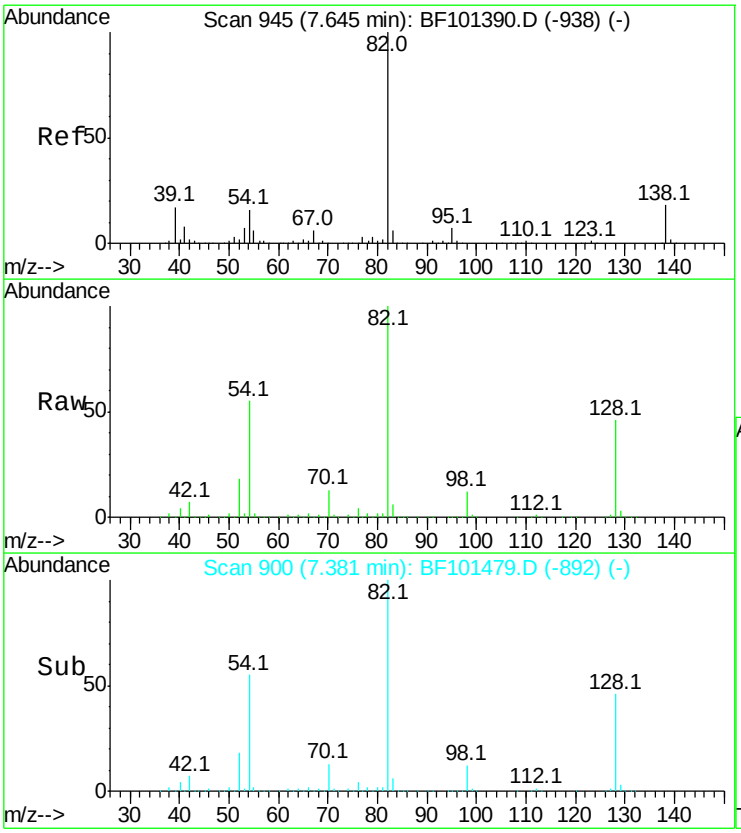
#23
Nitrobenzene-d5
Concen: 80.353 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion: 82 Resp: 974701

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	54.6	41.4	62.2

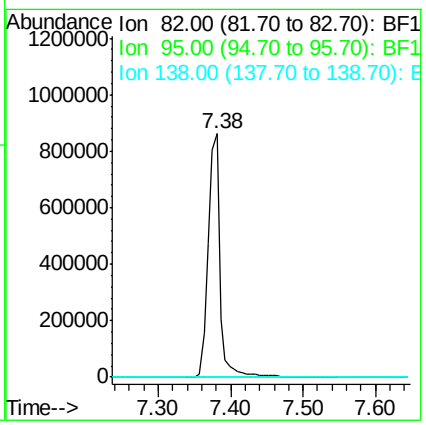


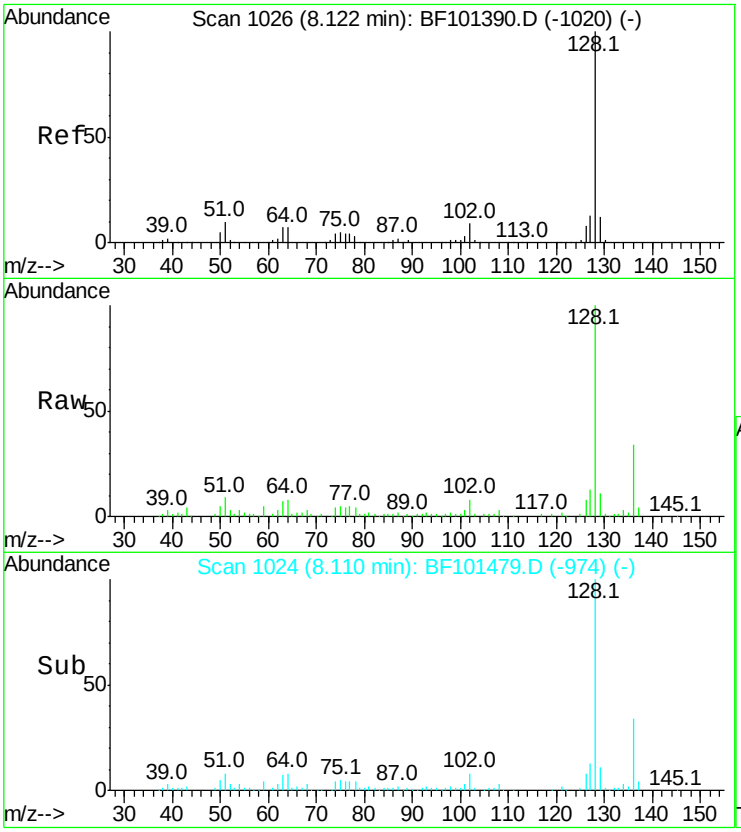


#25
Isophorone
Concen: 40.055 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.25 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion: 82 Resp: 974695

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



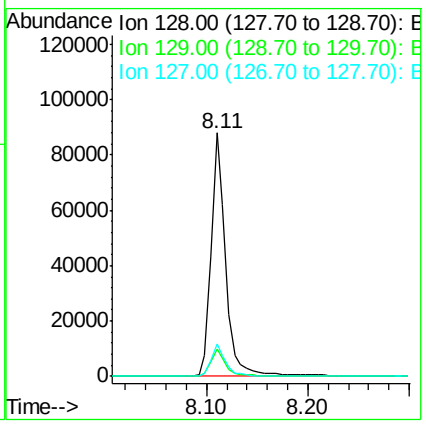


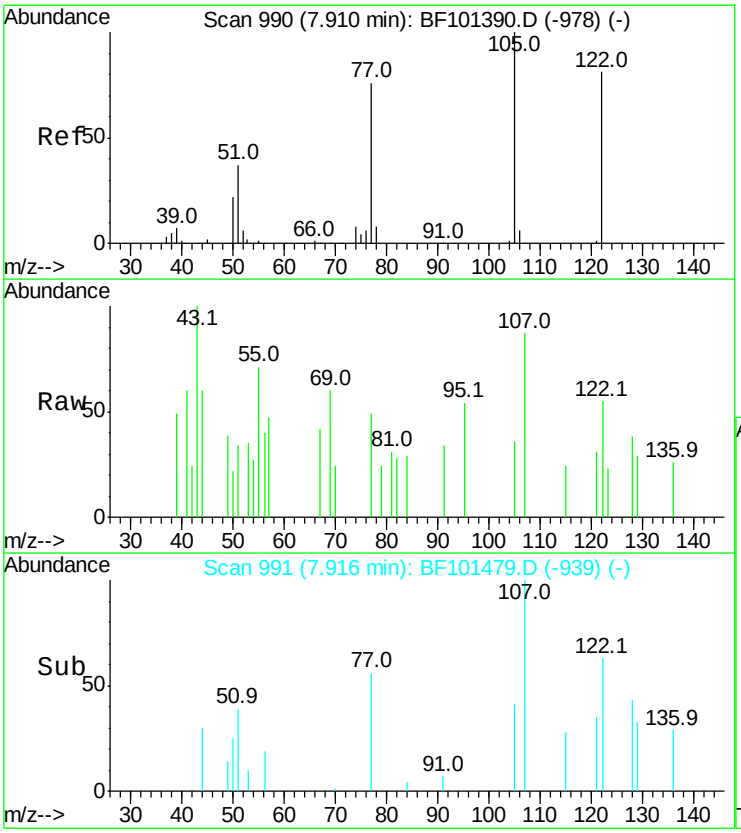
#31
Naphthalene
Concen: 2.594 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:128 Resp: 88170

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.9	16.3

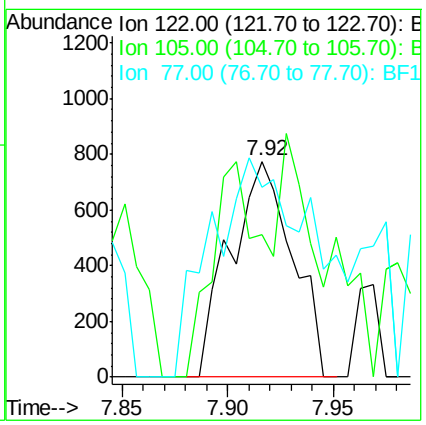


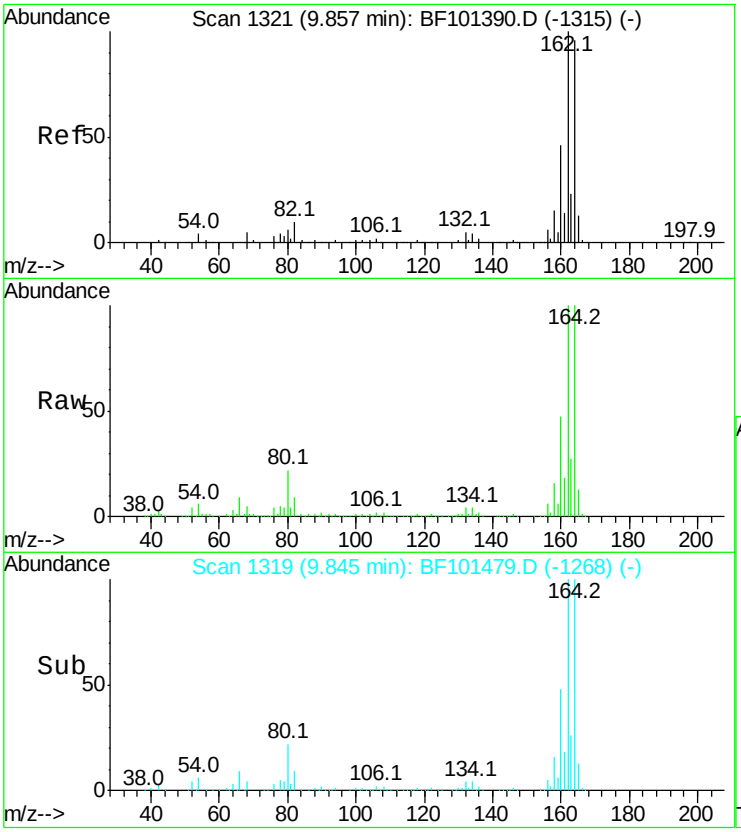


#32
Benzoic acid
Concen: 8.162 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:122 Resp: 1592

Ion	Ratio	Lower	Upper
122	100		
105	65.7	101.1	141.1#
77	88.1	70.7	110.7



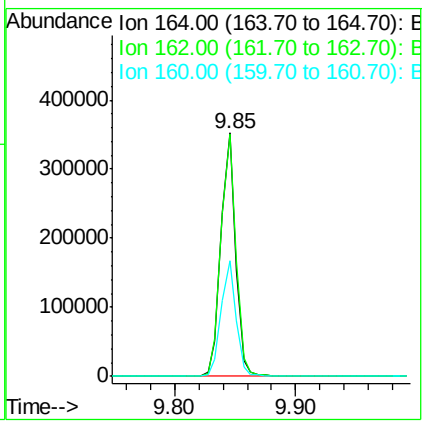


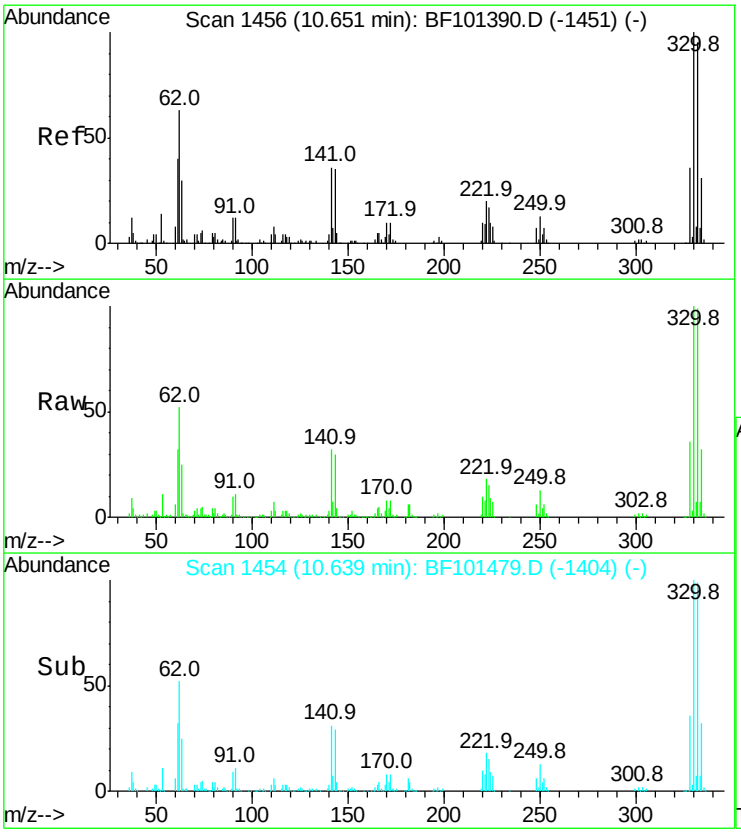
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:164 Resp: 295305

Ion	Ratio	Lower	Upper
164	100		
162	99.8	86.1	129.1
160	47.4	38.3	57.5

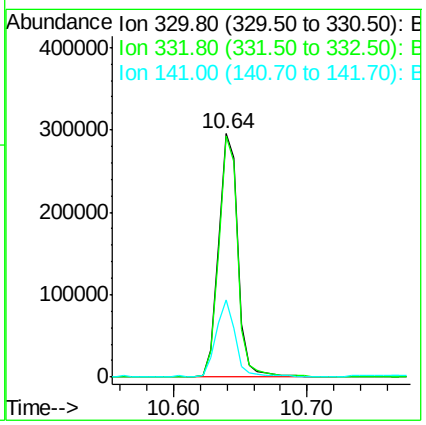


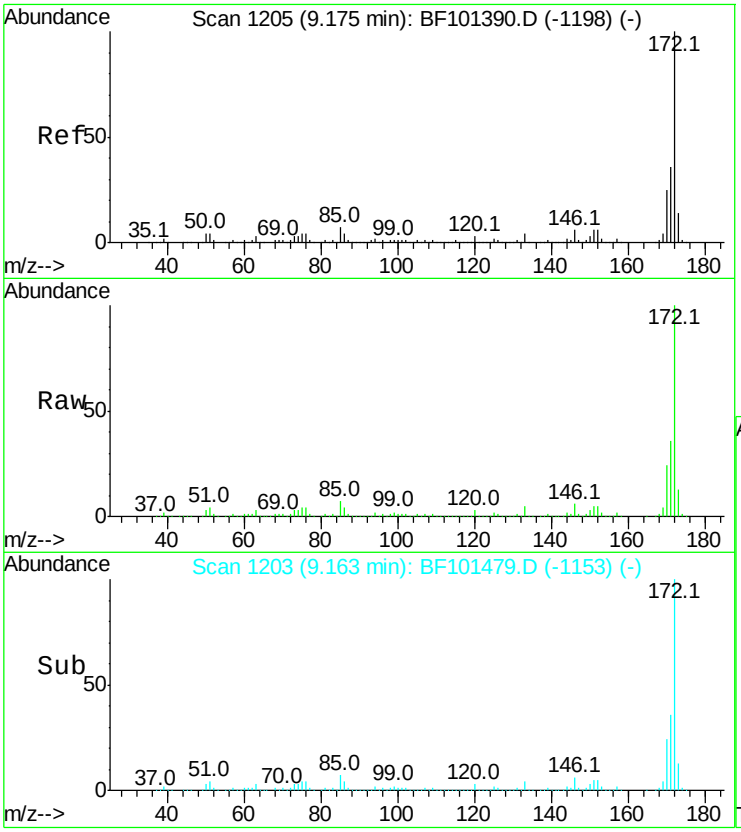


#41
2,4,6-Tribromophenol
Concen: 106.774 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:330 Resp: 303824

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	31.6	29.9	44.9



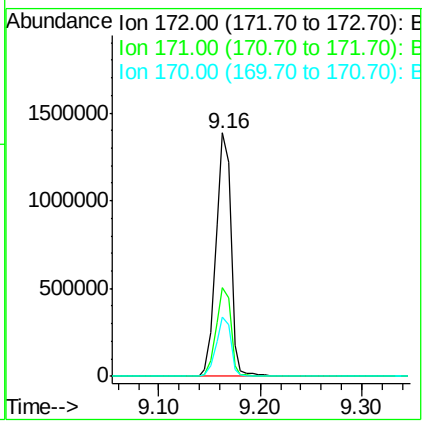


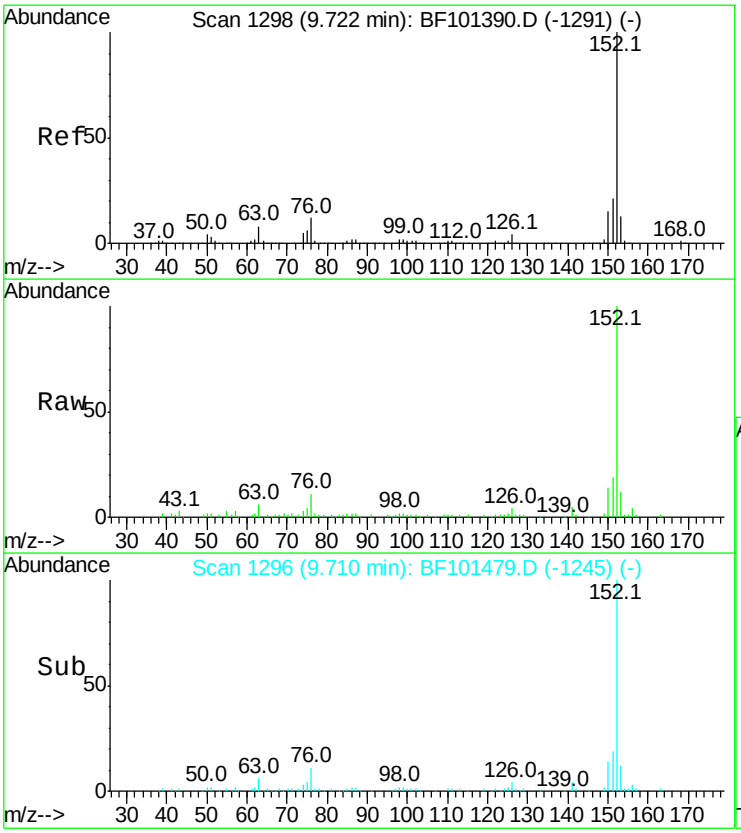
#44
2-Fluorobiphenyl
Concen: 75.018 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:172 Resp: 1428101

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

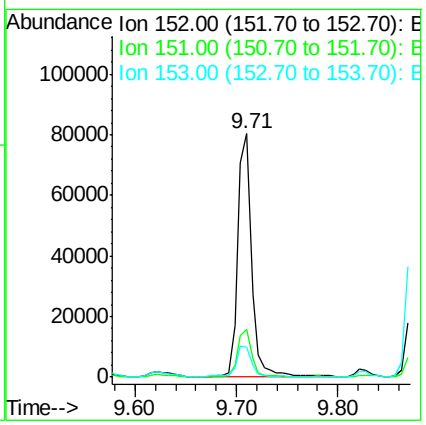


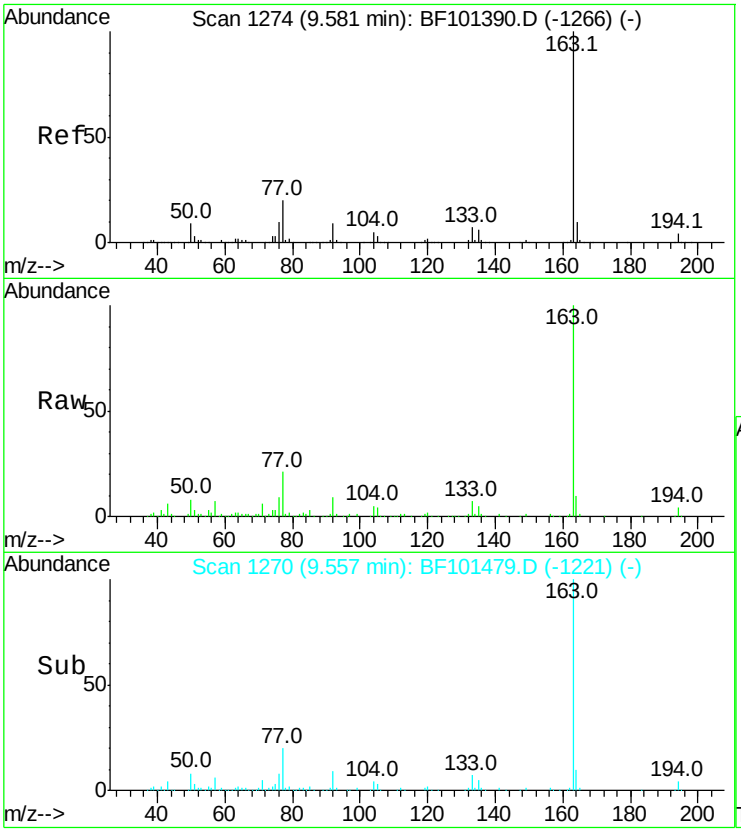


#48
Acenaphthylene
Concen: 2.434 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:152 Resp: 77045

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	12.3	10.7	16.1



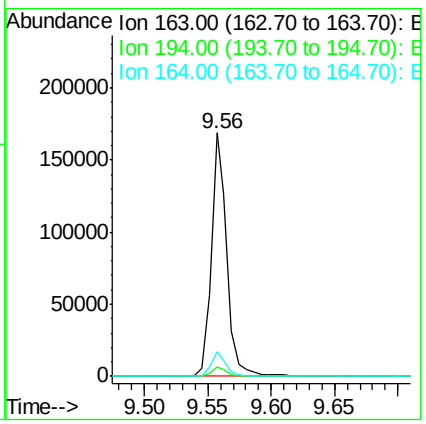


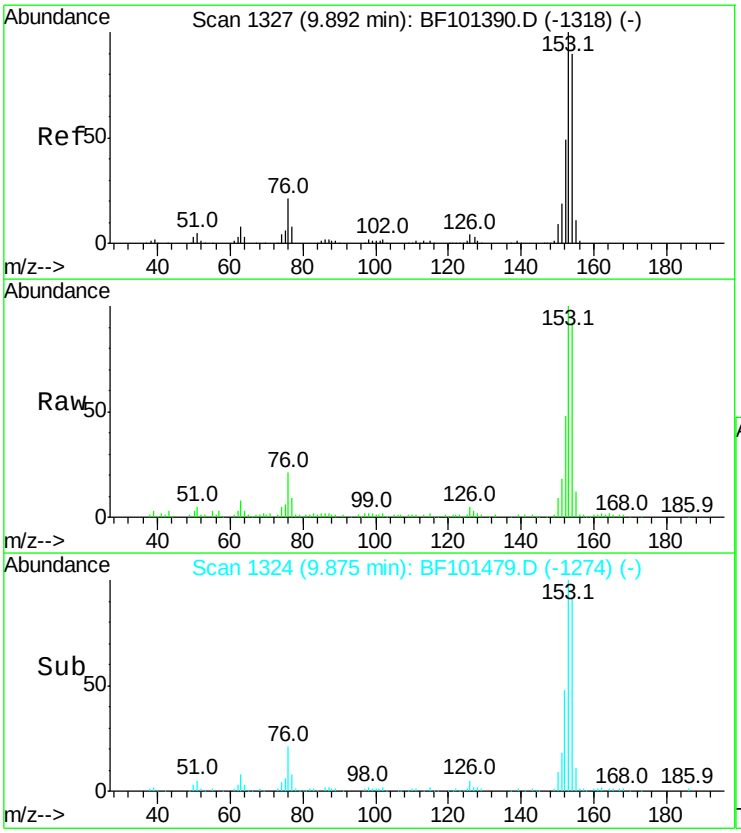
#49
Dimethylphthalate
Concen: 6.124 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:163 Resp: 145475

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.3	8.2	12.2

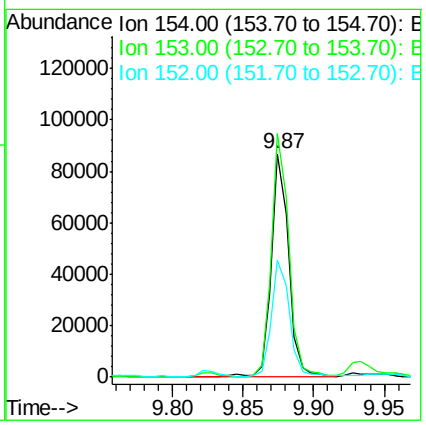


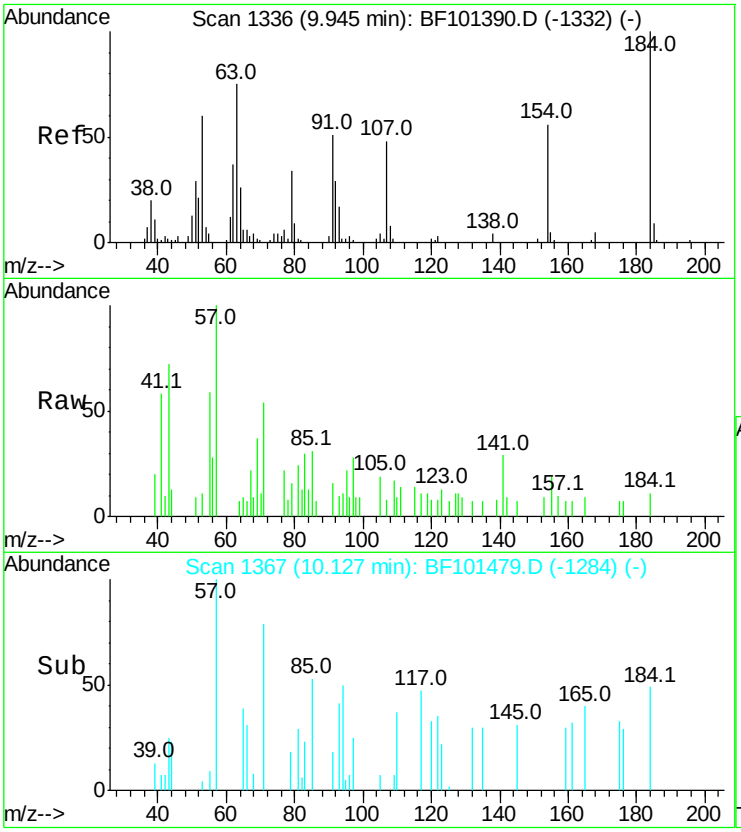


#51
Acenaphthene
Concen: 3.969 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:154 Resp: 75468

Ion	Ratio	Lower	Upper
154	100		
153	108.9	91.2	136.8
152	52.5	43.8	65.8



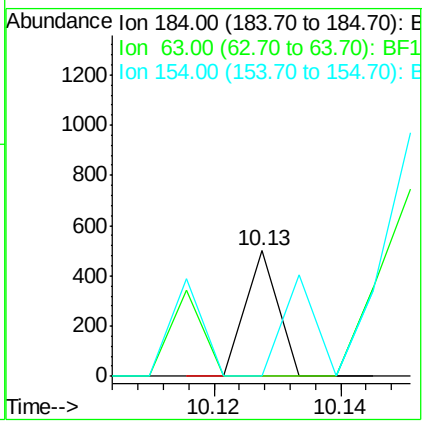


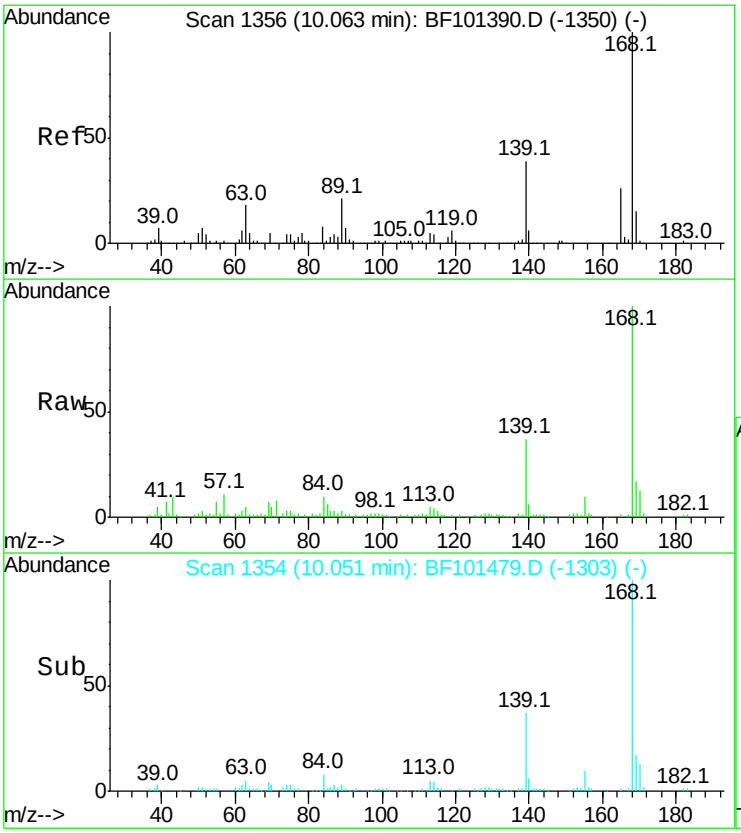
#53
2,4-Dinitrophenol
Concen: 10.412 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.19 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:184 Resp: 176

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#

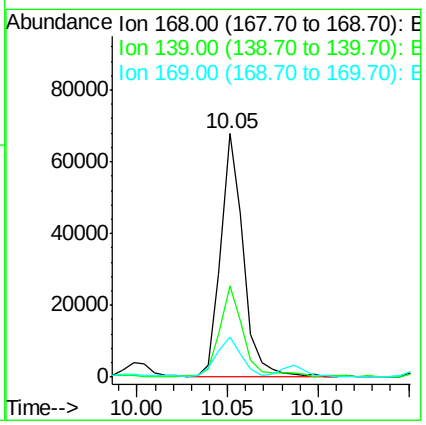


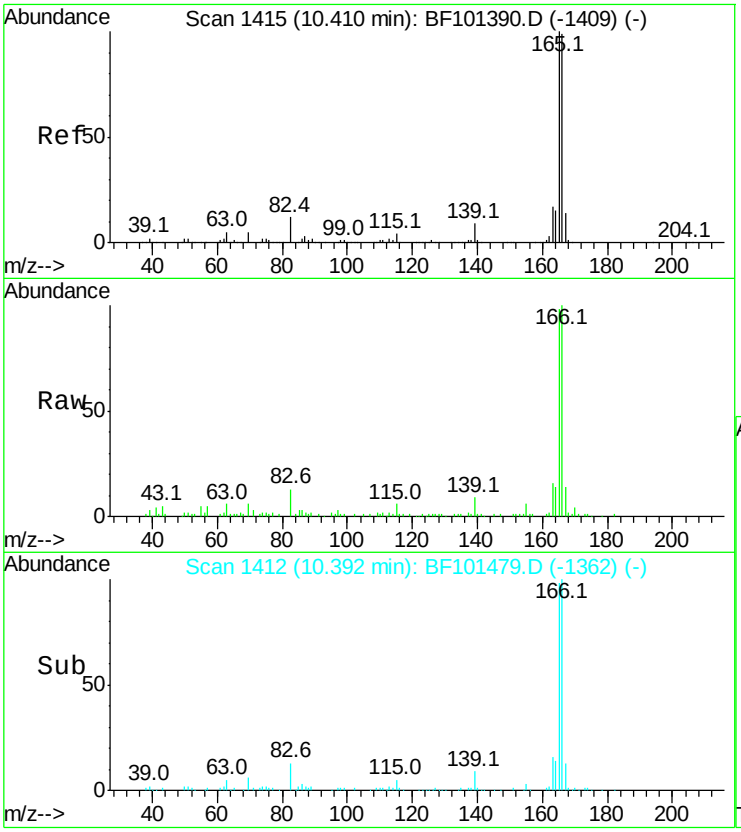


#54
Dibenzofuran
Concen: 2.452 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:168 Resp: 59257

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	16.6	10.9	16.3#



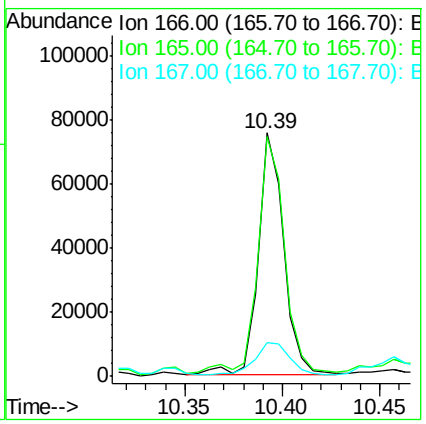


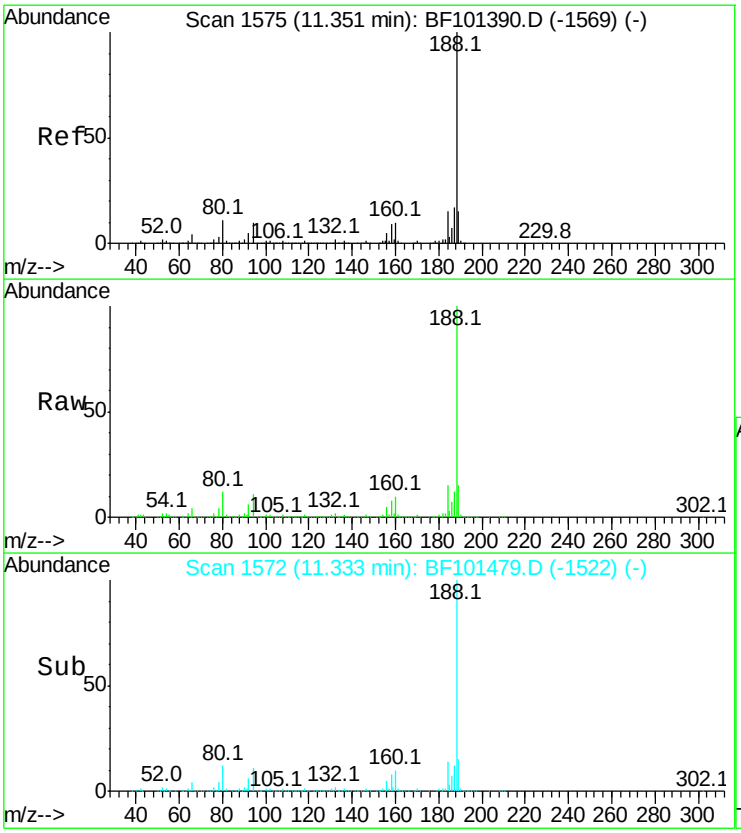
#57
Fluorene
Concen: 3.351 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:166 Resp: 68509

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	14.1	10.6	16.0

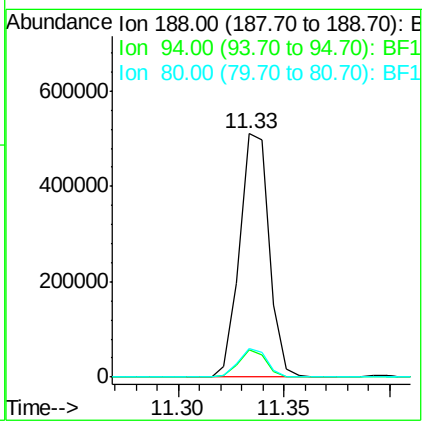


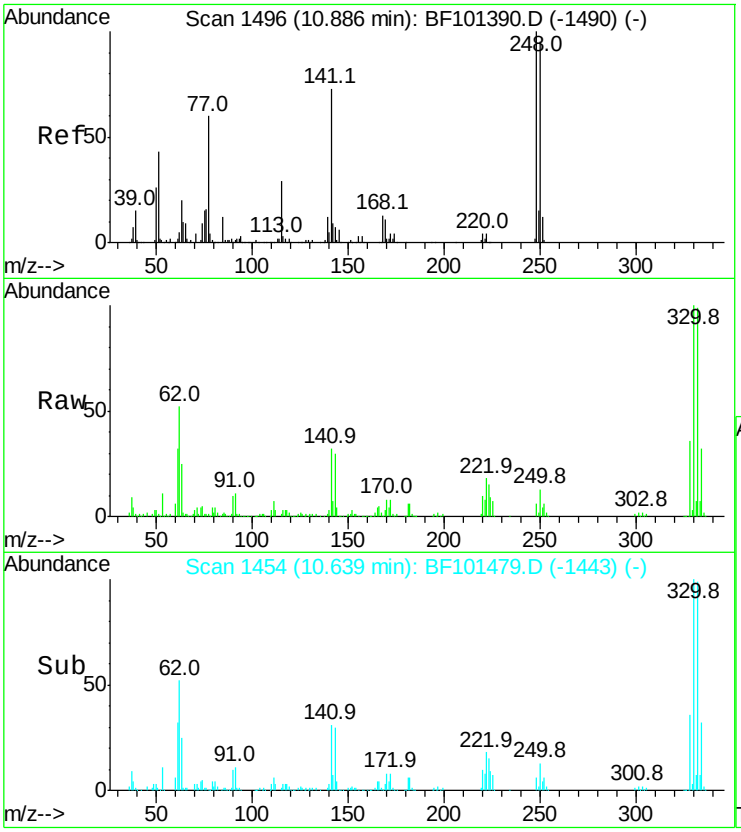


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:188 Resp: 493579

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.9	9.2	13.8



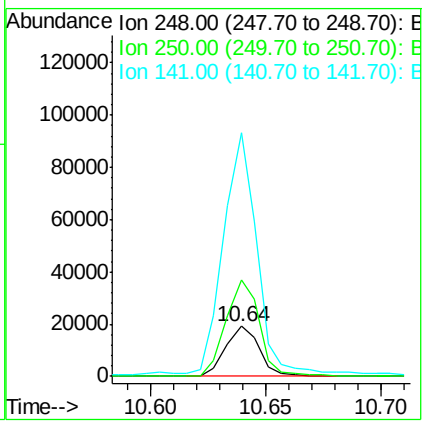


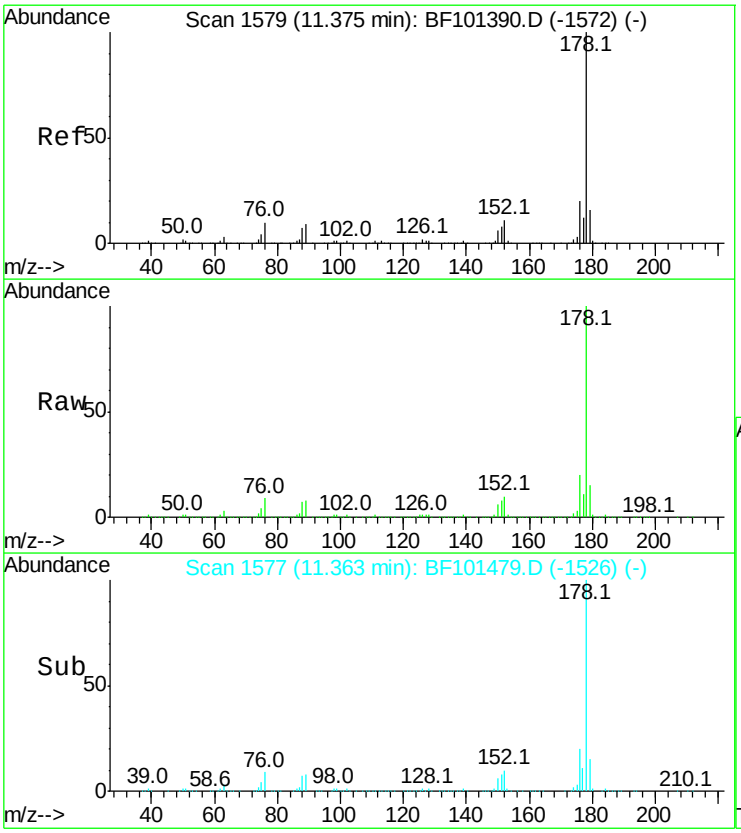
#66
4-Bromophenyl-phenylether
Concen: 3.499 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:248 Resp: 19408

Ion	Ratio	Lower	Upper
248	100		
250	193.8	76.9	115.3#
141	488.8	74.4	111.6#

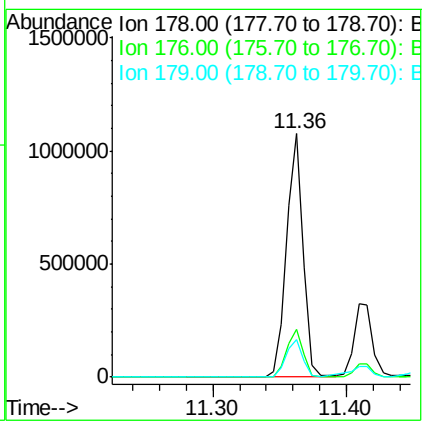


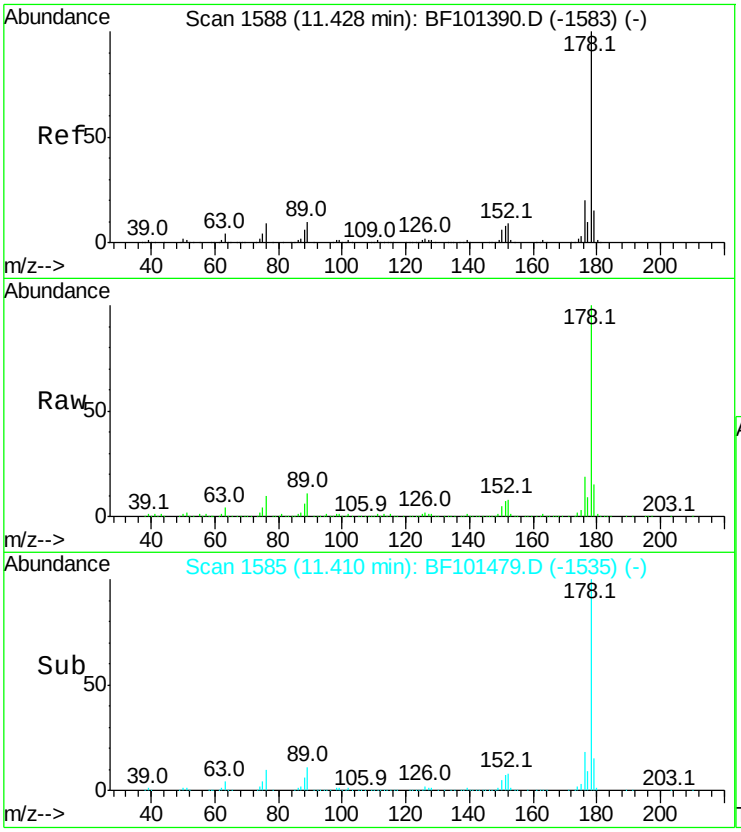


#70
Phenanthrene
Concen: 34.150 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:178 Resp: 937381

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.3	13.0	19.6



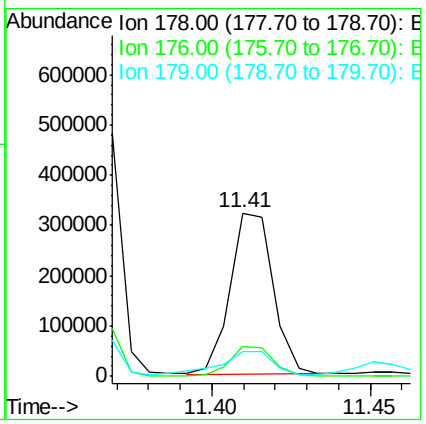


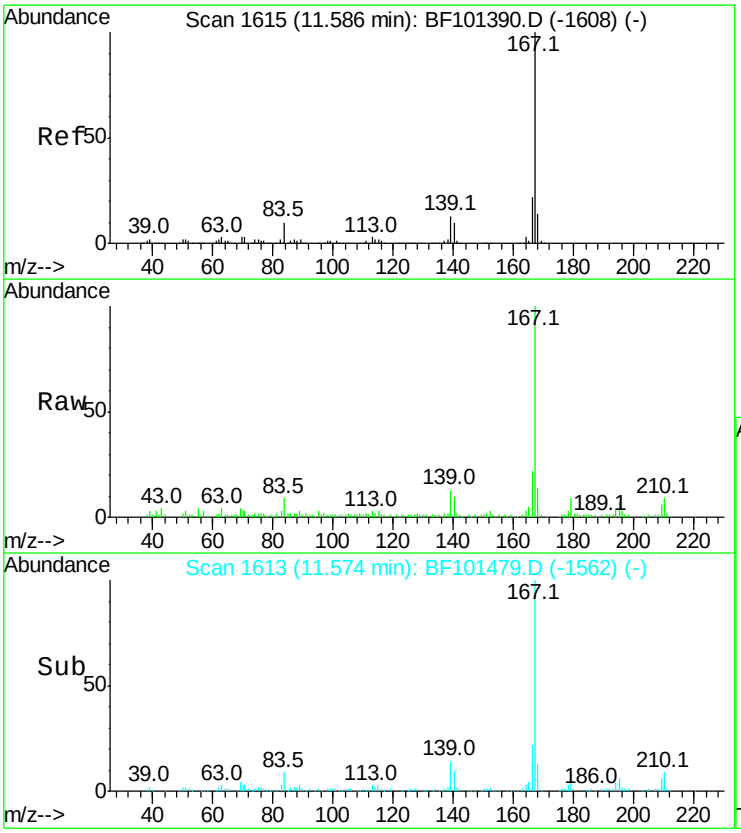
#71
Anthracene
Concen: 10.704 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:178 Resp: 300116

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.4	12.6	19.0

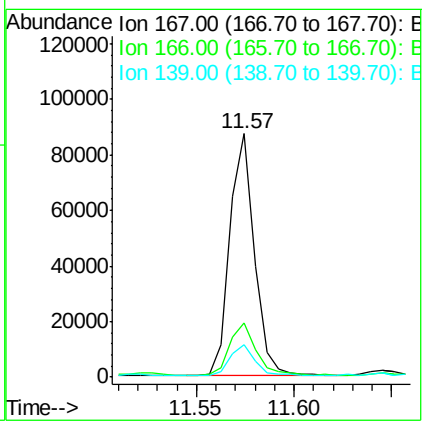


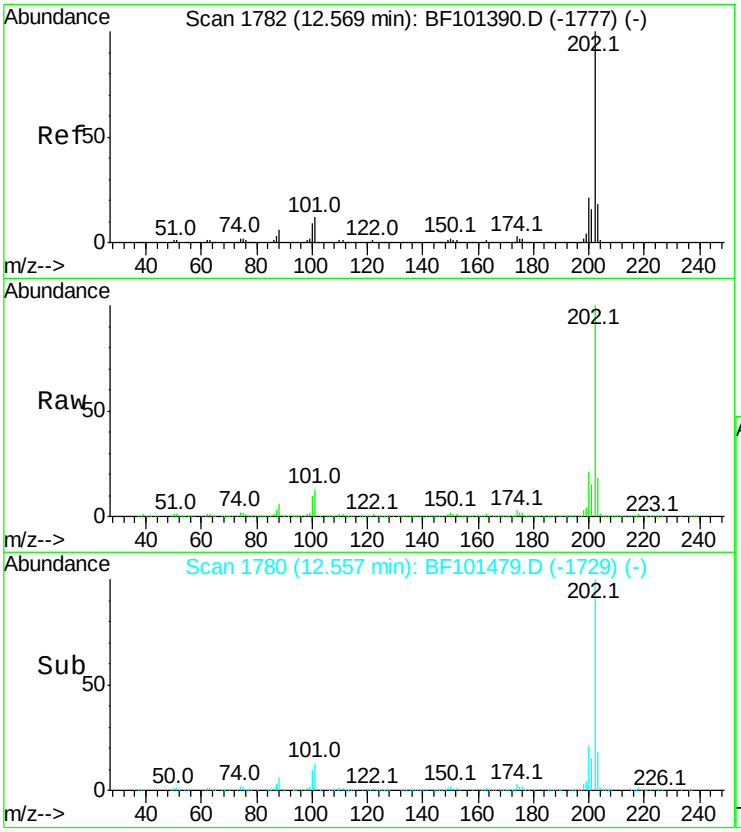


#72
Carbazole
Concen: 2.917 ng
RT: 11.57 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:167 Resp: 76581

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.4	10.9	16.3



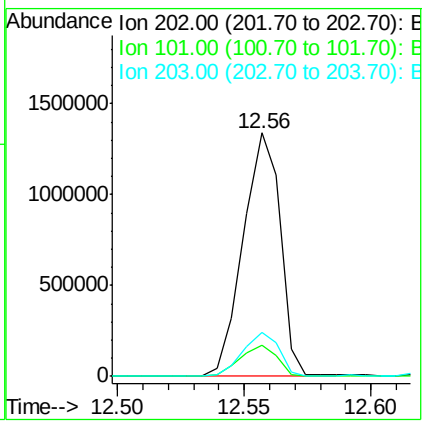


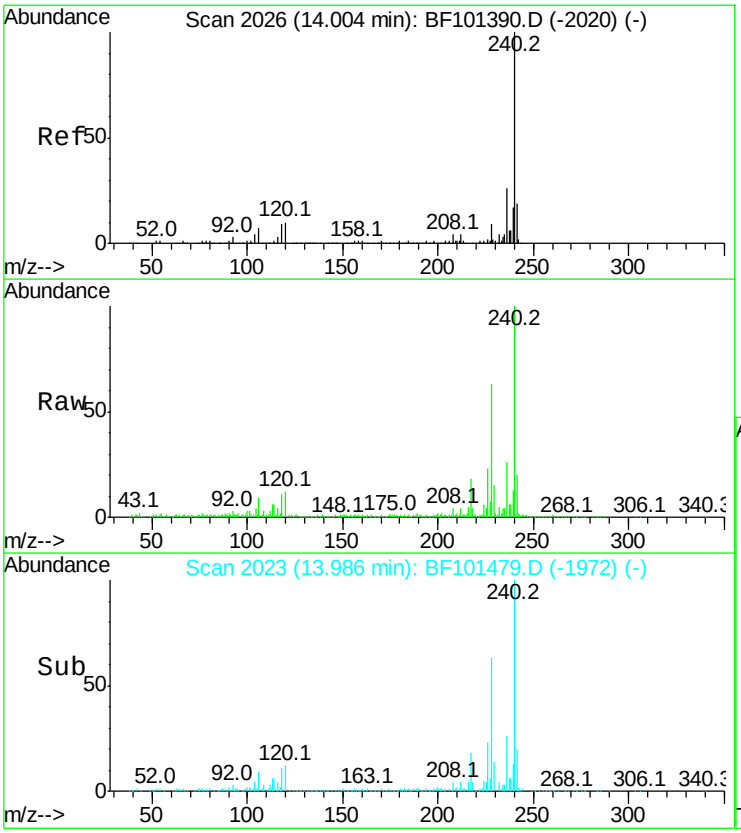
#74
Fluoranthene
Concen: 47.474 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:202 Resp: 1367778

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.8	0.0	38.1

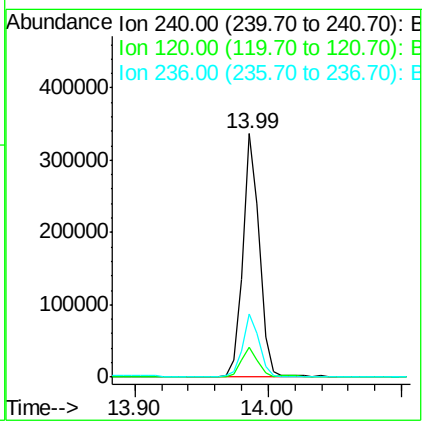


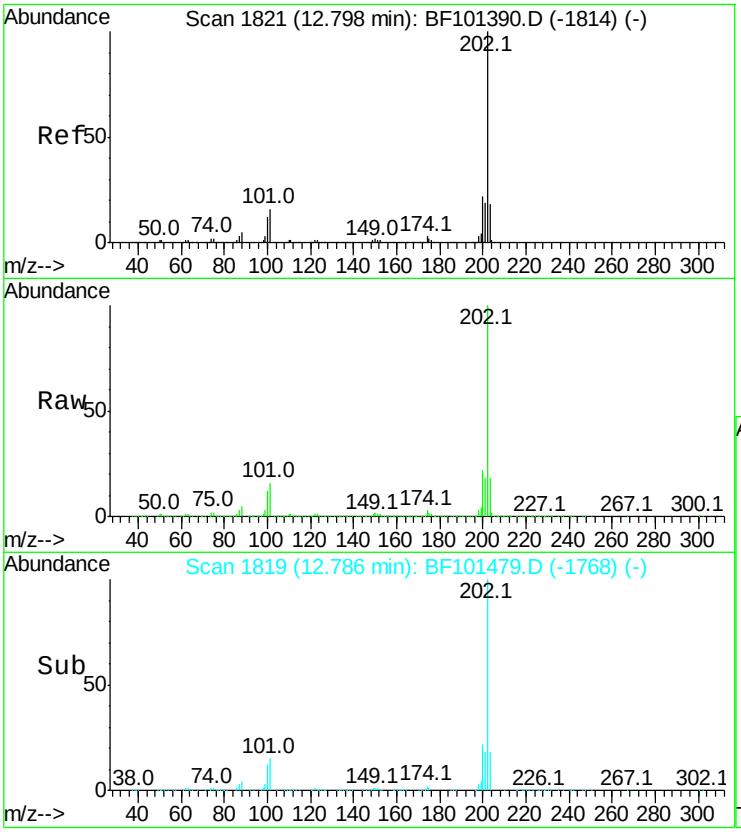


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:240 Resp: 283707

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	26.0	20.7	31.1



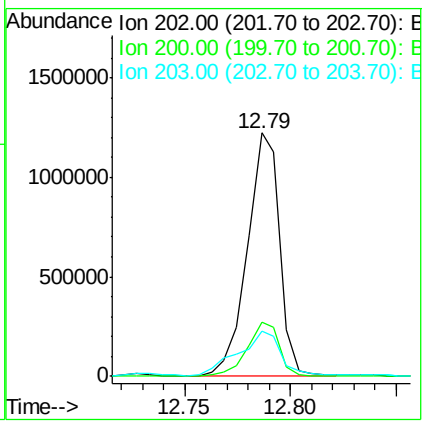


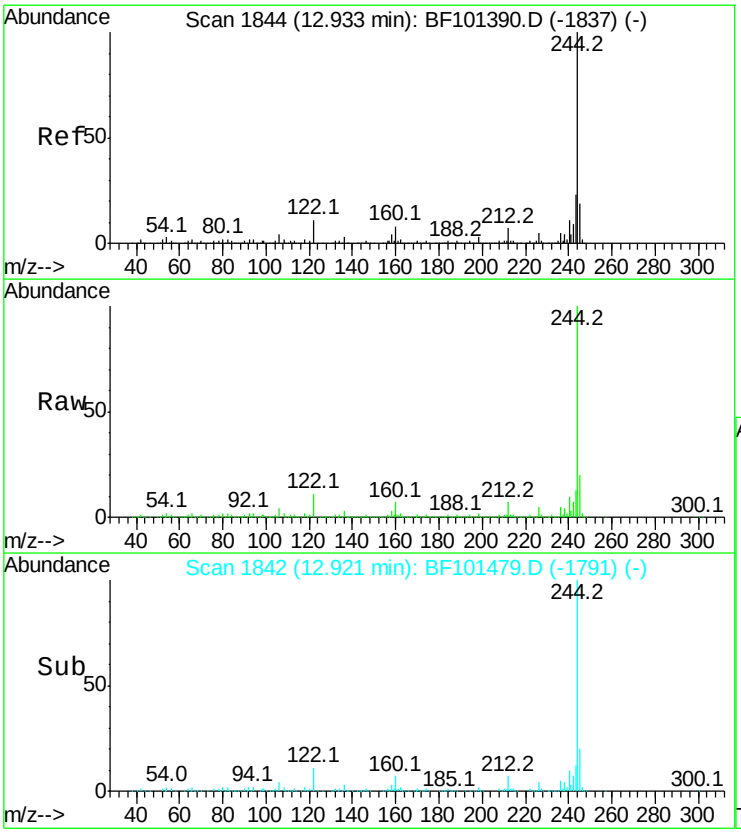
#77
Pyrene
Concen: 61.066 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:202 Resp: 1300224

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.4	14.3	21.5

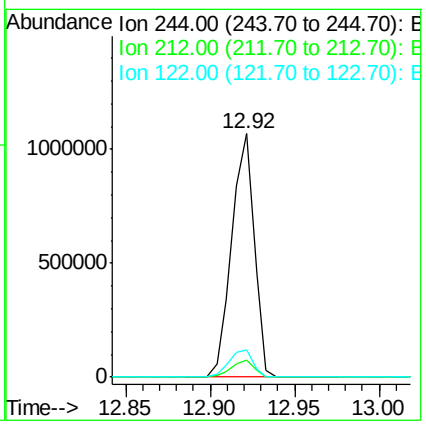


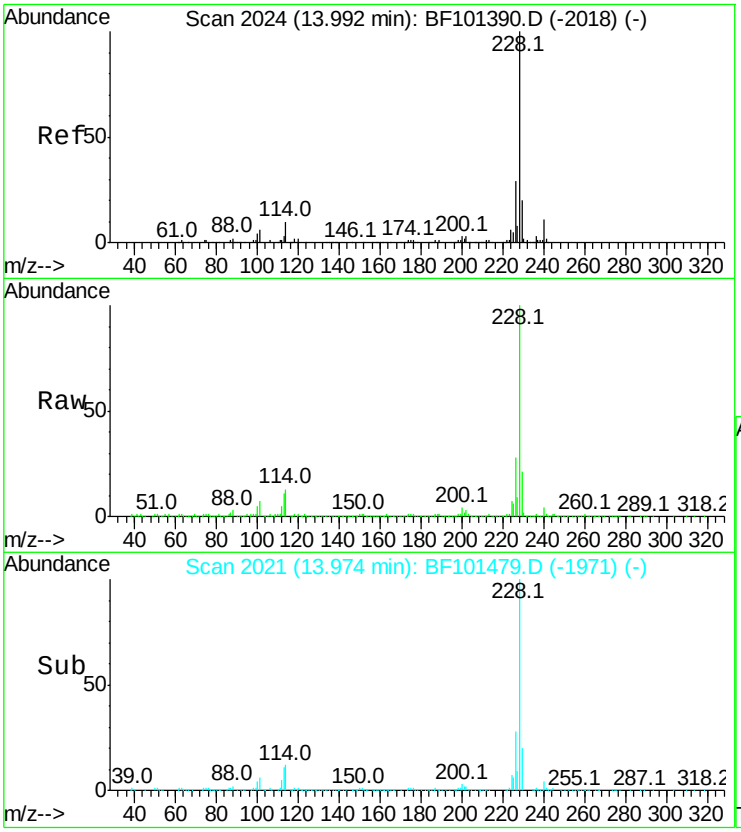


#78
Terphenyl-d14
Concen: 84.114 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:244 Resp: 989878

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.3	11.0	16.4



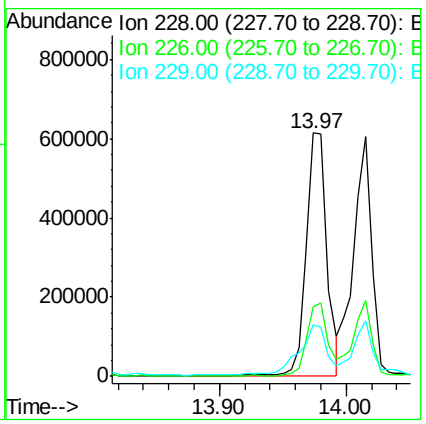


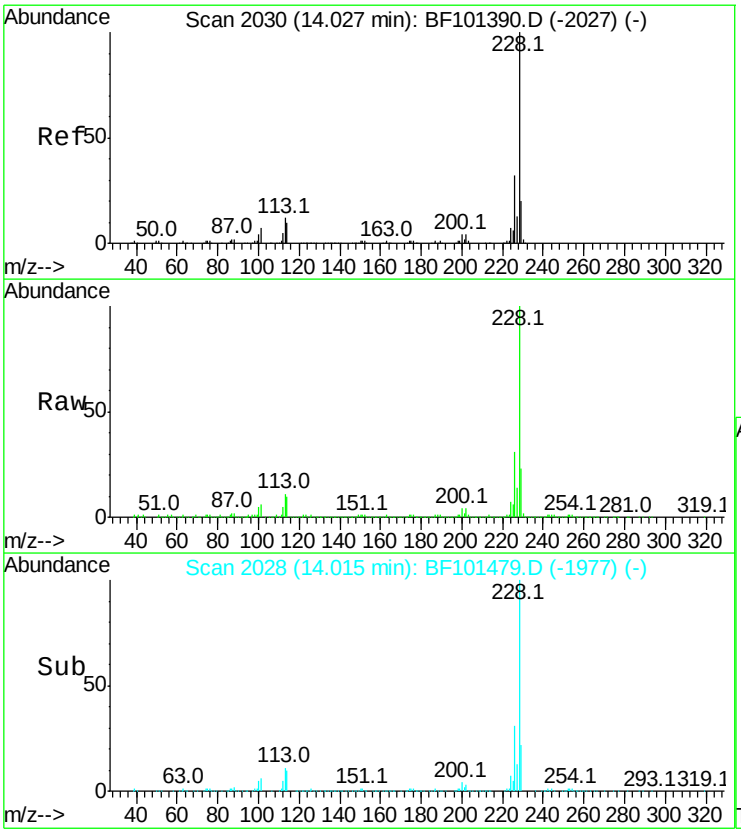
#80
Benzo(a)anthracene
Concen: 36.589 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:228 Resp: 685453

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	21.1	15.8	23.6

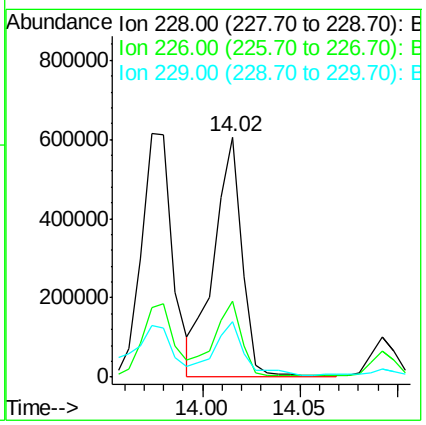


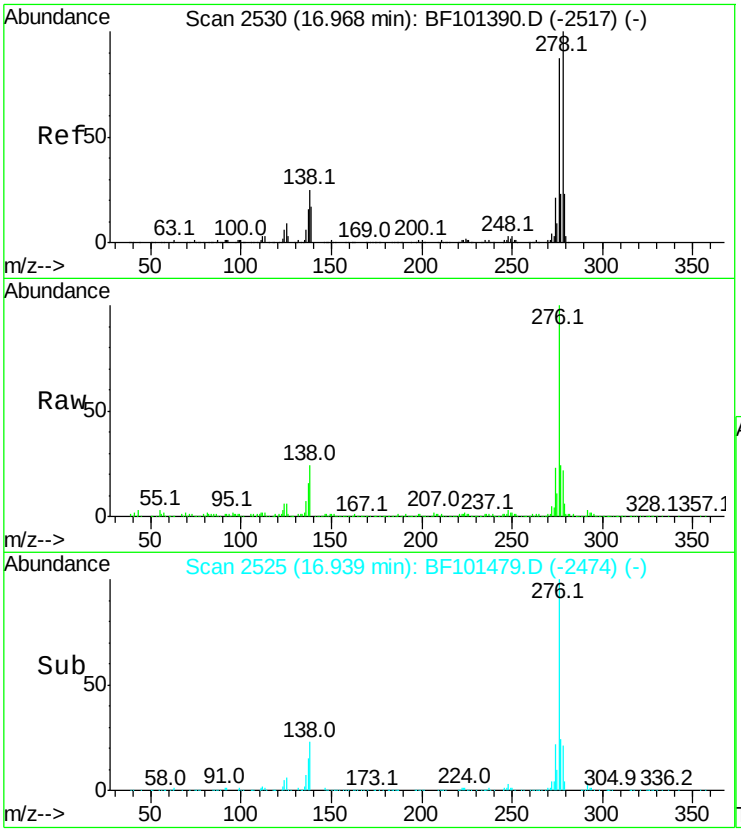


#82
Chrysene
Concen: 34.158 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:228 Resp: 604192

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	22.9	16.2	24.4



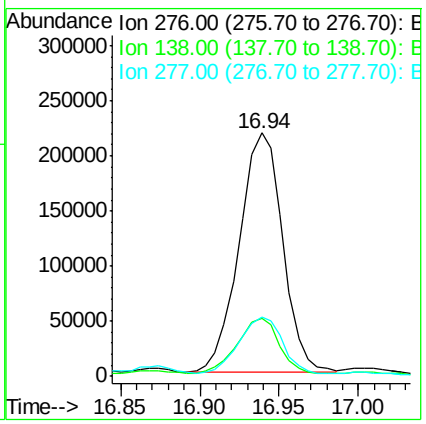


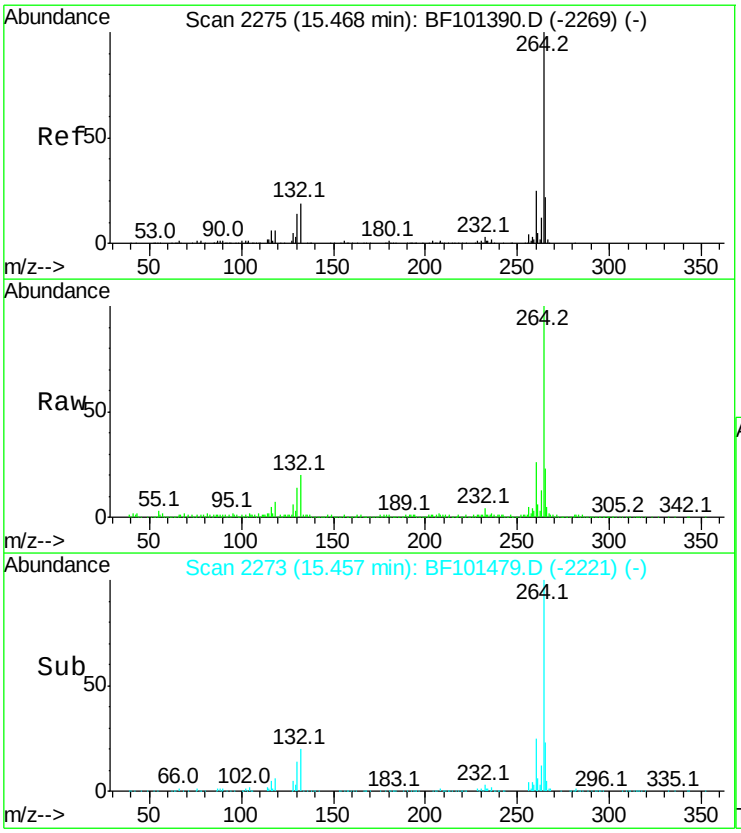
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.283 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:276 Resp: 413981

Ion	Ratio	Lower	Upper
276	100		
138	23.5	25.0	37.6#
277	24.4	20.1	30.1

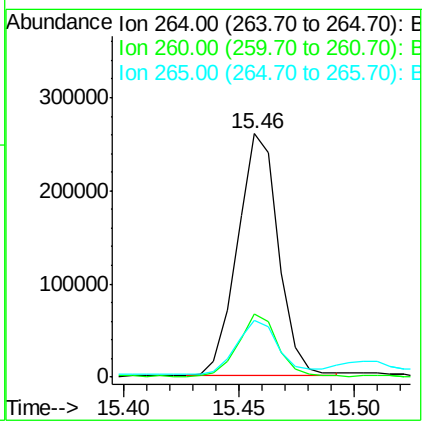


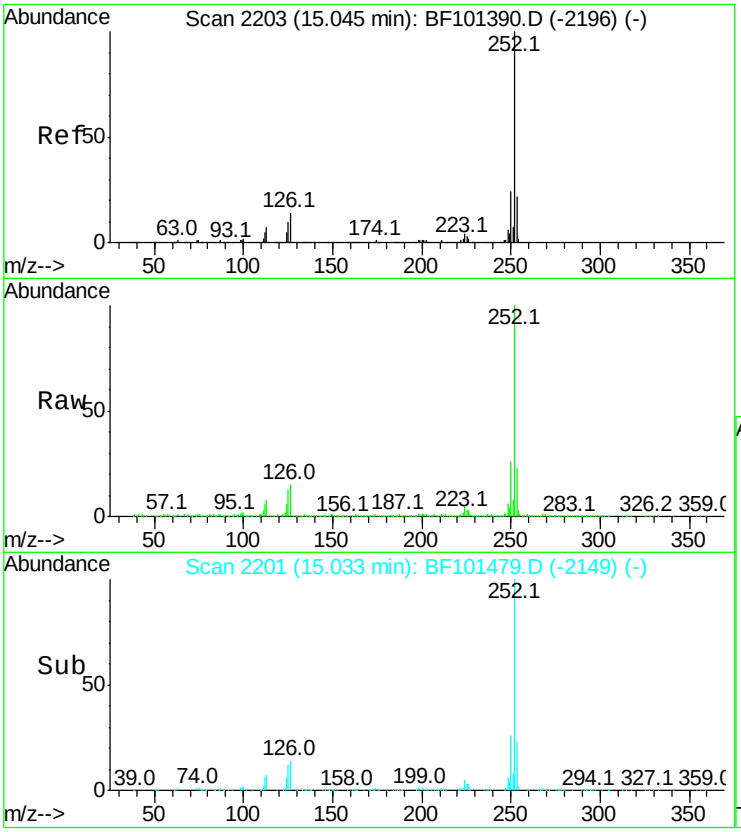


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:264 Resp: 322812

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	23.5	17.5	26.3



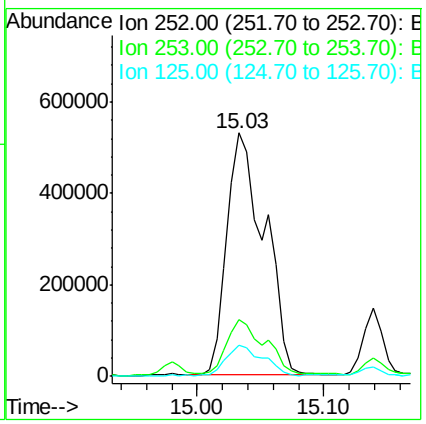


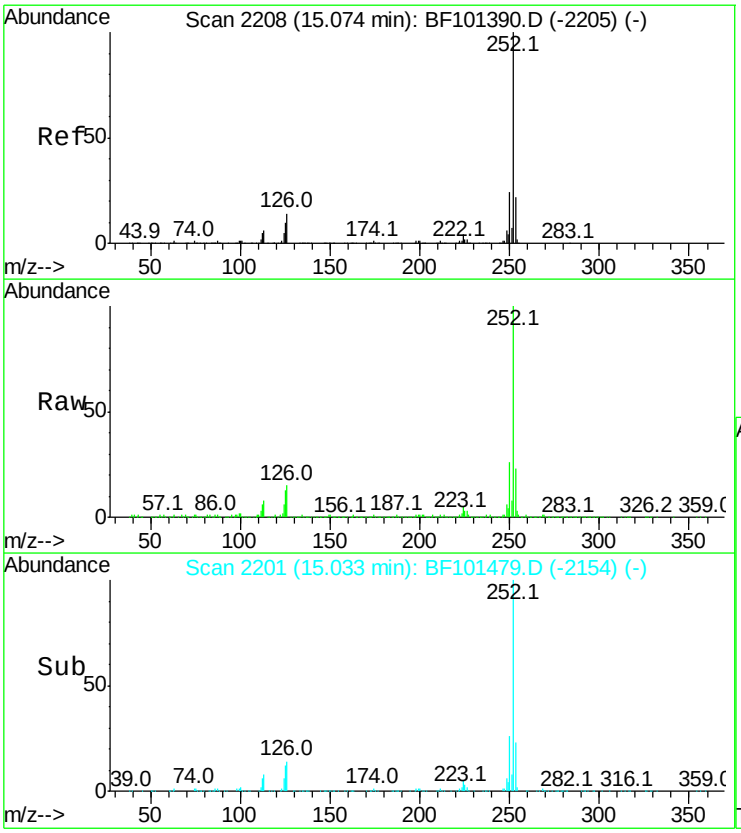
#87
Benzo(b)fluoranthene
Concen: 55.548 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:252 Resp: 1092978

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	12.5	9.0	13.6

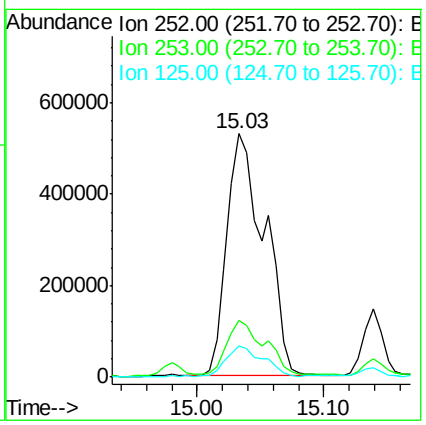


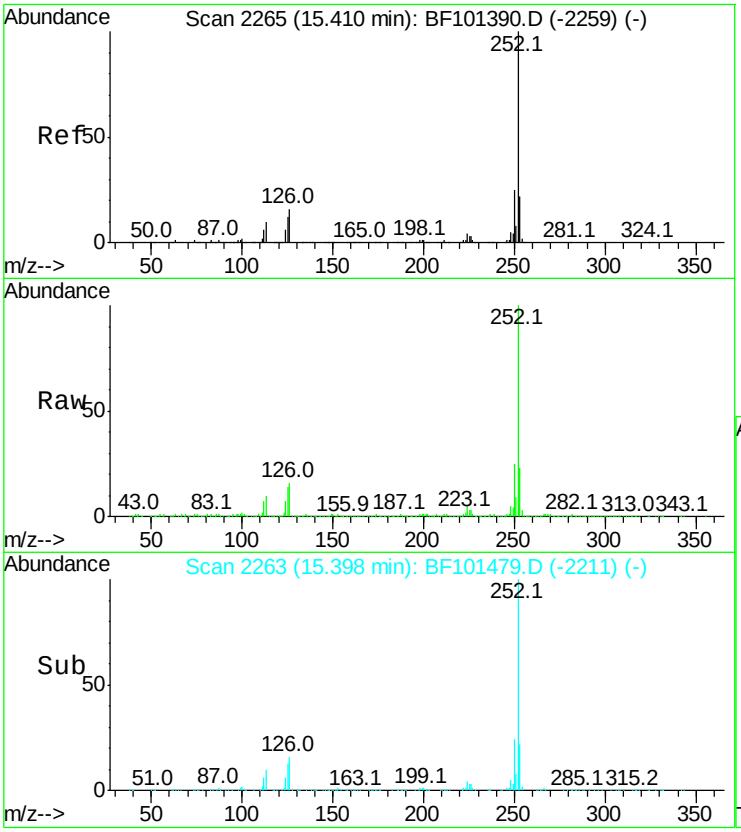


#88
Benzo(k)fluoranthene
Concen: 57.132 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:252 Resp: 1092978

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	12.5	10.2	15.2



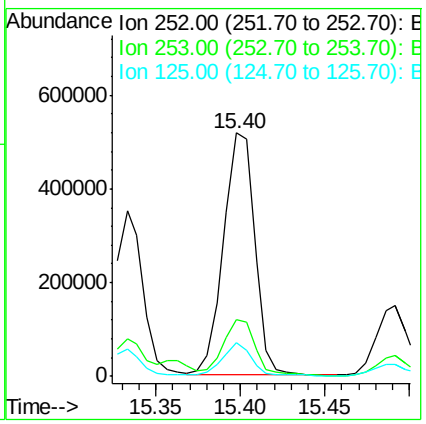


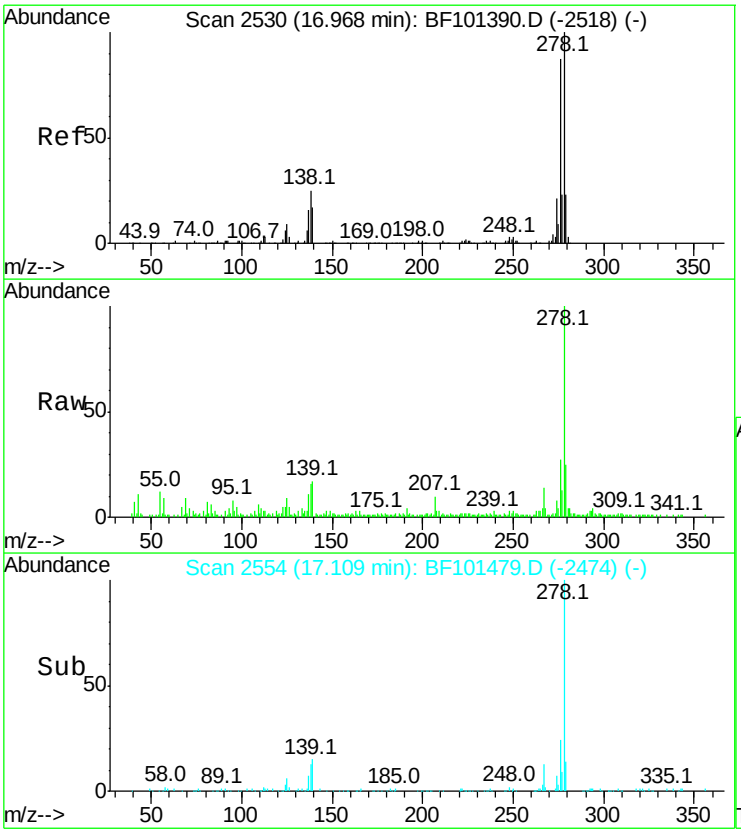
#89
Benzo(a)pyrene
Concen: 37.014 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:252 Resp: 671389

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	13.6	9.8	14.6

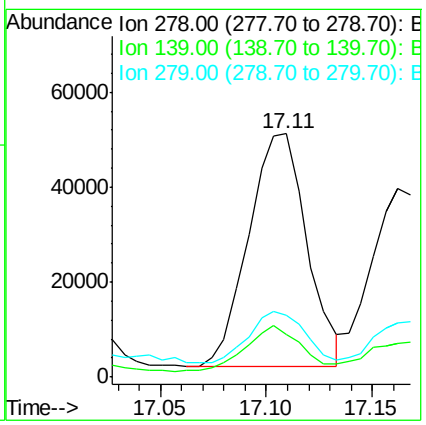


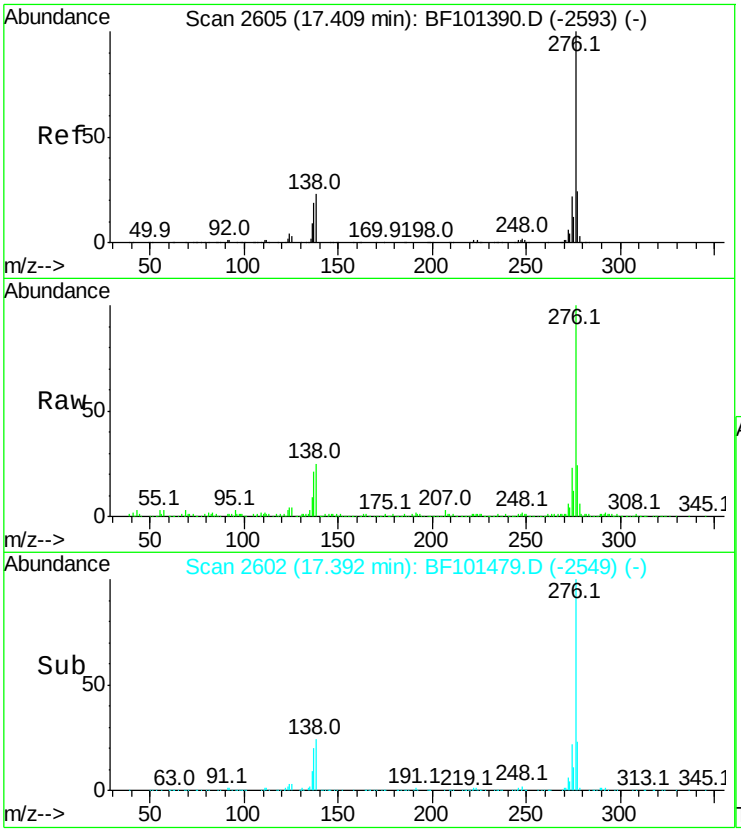


#90
Dibenzo(a,h)anthracene
Concen: 6.076 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.17 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Tgt Ion:278 Resp: 94628

Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.9	23.9
279	25.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 25.285 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.01 min
Lab File: BF101479.D
Acq: 18 Dec 2017 14:36

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:276 Resp: 389917

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	25.1	21.8	32.8