Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101727.D
Acq On : 26 Dec 2017 21:33
Operator : SJ/JU
Sample : I6677-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Quant Time: Dec 27 04:57:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	94904	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	320321	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	126091	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	256285	20.00	ng		0.00
75) Chrysene-d12	13.97	240	254541	20.00	ng		0.00
86) Perylene-d12	15.44	264	217837	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	652854	102.47	ng		0.00
7) Phenol-d6	6.43	99	728555	91.88	ng		0.00
23) Nitrobenzene-d5	7.36	82	437630	76.05	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	136043	111.97	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	674121	82.93	ng		0.00
78) Terphenyl-d14	12.90	244	737389	69.84	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	30387	3.362	ng	#	47
19) n-Nitroso-di-n-propylamine	7.36	70	58189	11.175	ng	#	81
25) Isophorone	7.36	82	437630	37.911	ng	#	64
31) Naphthalene	8.09	128	95571	5.926	ng		99
37) 2-Methylnaphthalene	8.79	142	33263	3.166	ng		98
48) Acenaphthylene	9.69	152	68660	5.081	ng		97
49) Dimethylphthalate	9.54	163	49618	4.892	ng		100
51) Acenaphthene	9.86	154	39098	4.815	ng		98
54) Dibenzofuran	10.03	168	45243	4.385	ng		96
55) 4-Nitrophenol	10.03	139	17272	15.413	ng	#	14
57) Fluorene	10.37	166	76105	8.719	ng		97
66) 4-Bromophenyl-phenylether	10.62	248	8592	2.984	ng	#	1
70) Phenanthrene	11.34	178	481062	33.753	ng		99
71) Anthracene	11.39	178	173677	11.930	ng		99
72) Carbazole	11.56	167	50114	3.677	ng		99
74) Fluoranthene	12.53	202	628598	42.019	ng		99
77) Pyrene	12.77	202	567901	29.728	ng		99
80) Benzo(a)anthracene	13.96	228	327650	19.494	ng		98
82) Chrysene	14.00	228	296301	18.671	ng		98
85) Indeno(1,2,3-cd)pyrene	16.94	276	134146	9.492	ng	#	88
87) Benzo(b)fluoranthene	15.02	252	422503	31.821	ng	#	94
88) Benzo(k)fluoranthene	15.02	252	422503	32.728	ng		97
89) Benzo(a)pyrene	15.39	252	227371	18.576	ng	#	95
90) Dibenzo(a,h)anthracene	16.93	278	30974	2.947	ng	#	70
91) Benzo(g,h,i)perylene	17.39	276	129616	12.456	ng	#	93

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

Quantitation Report (Not Reviewed)

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Misc :
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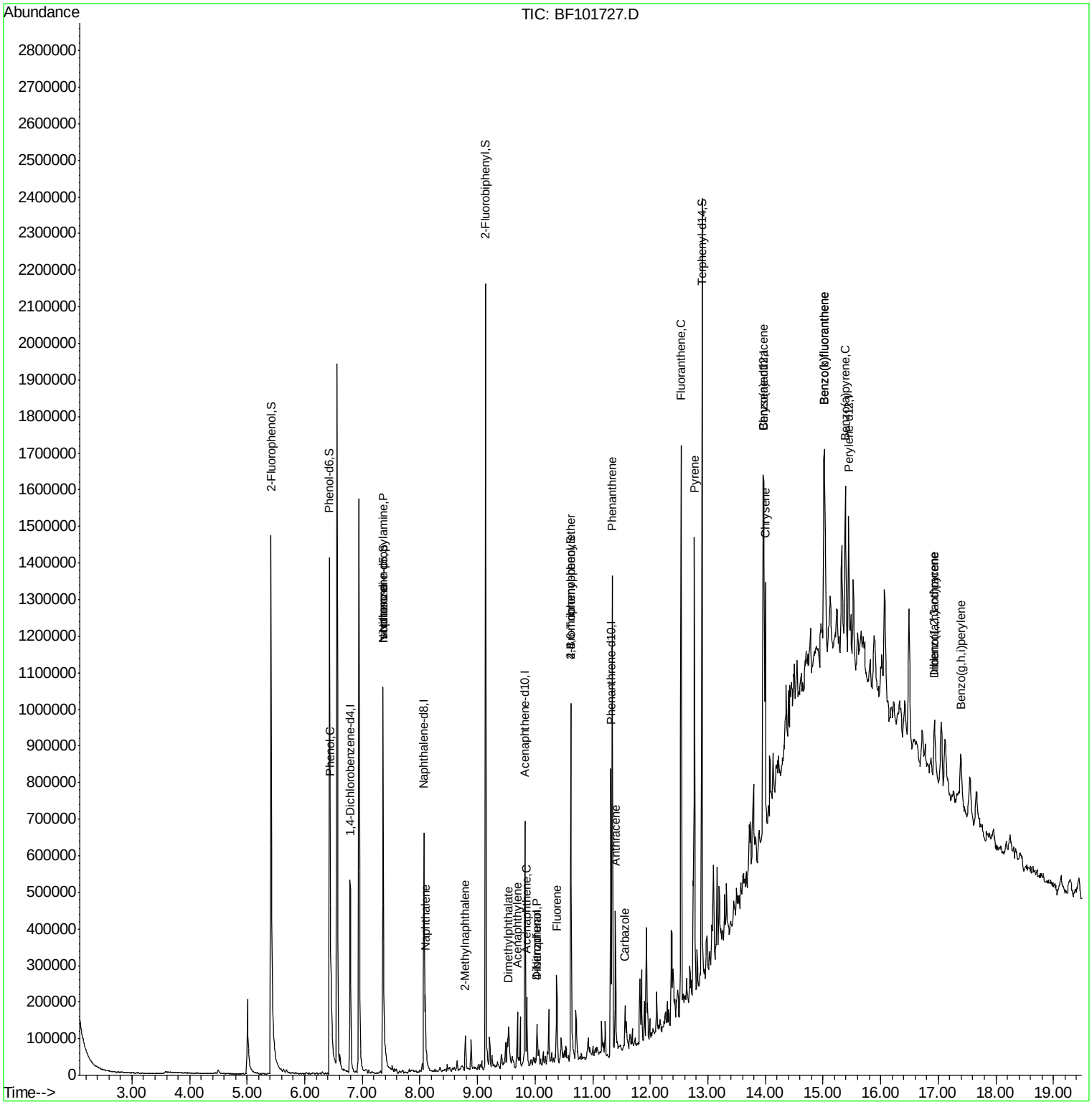
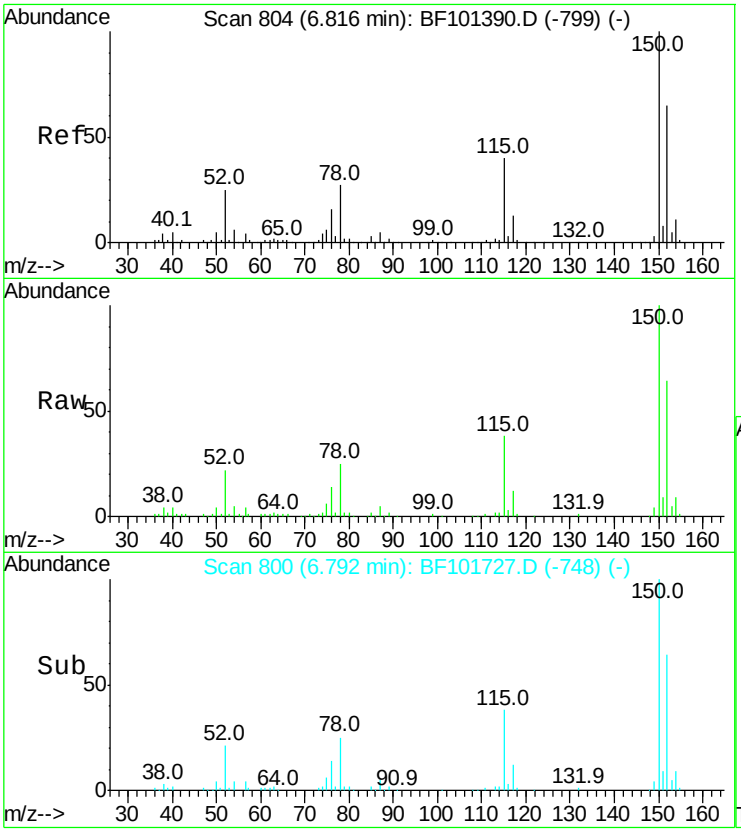
Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Quant Time: Dec 27 04:57:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration



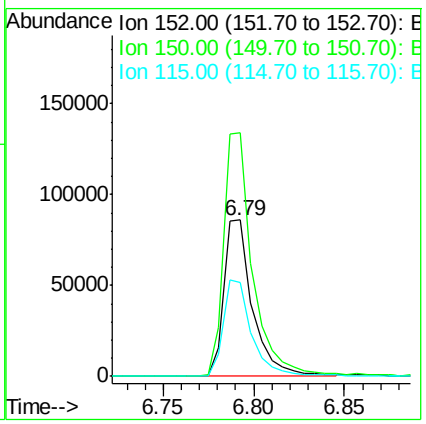


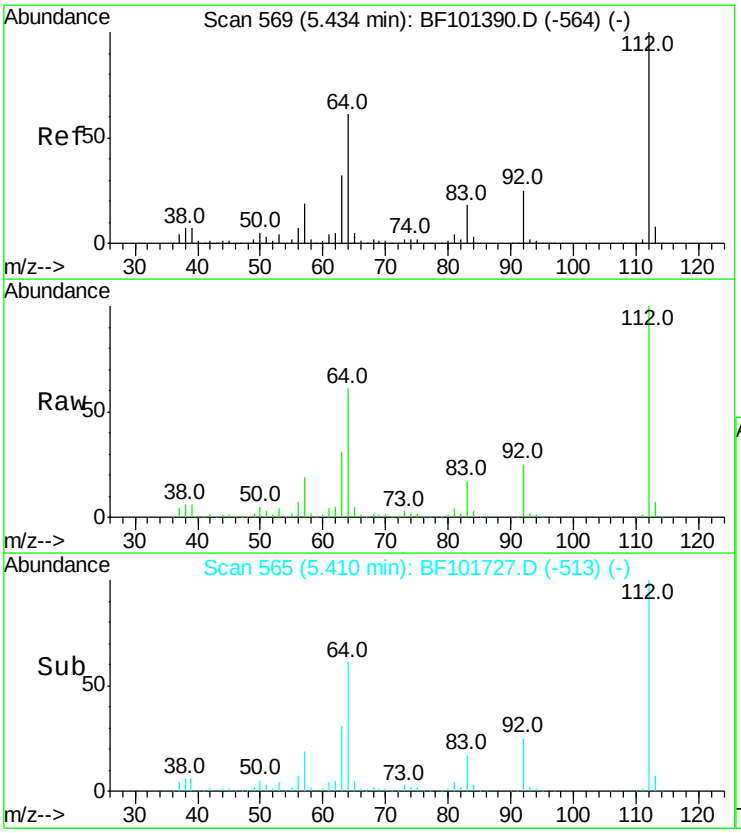
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:152 Resp: 94904

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.9	50.1	75.1

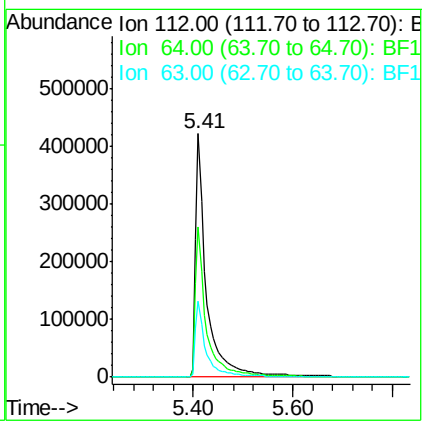


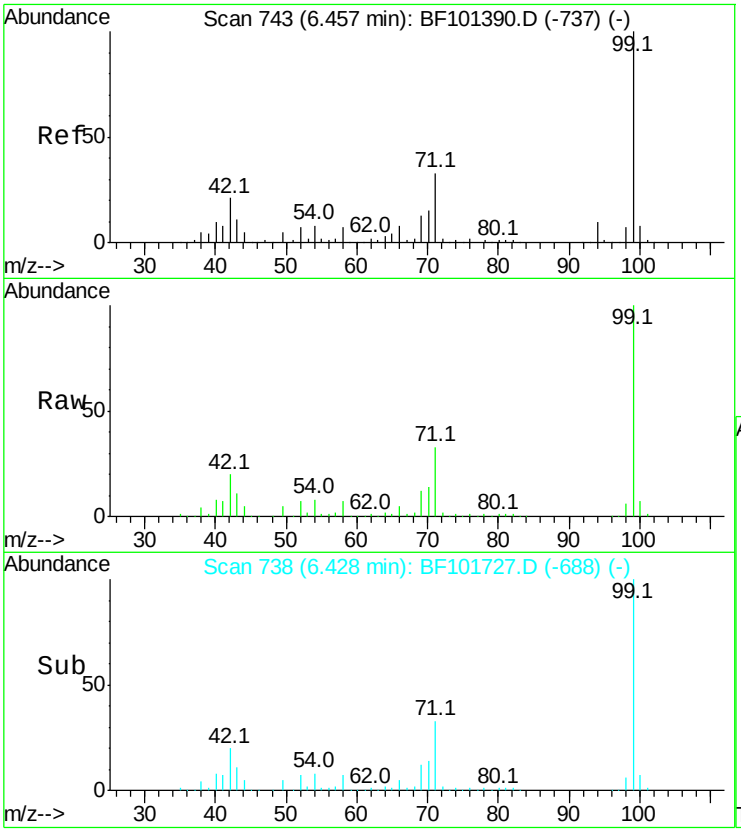


#5
2-Fluorophenol
Concen: 102.470 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:112 Resp: 652854

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	31.2	23.7	35.5



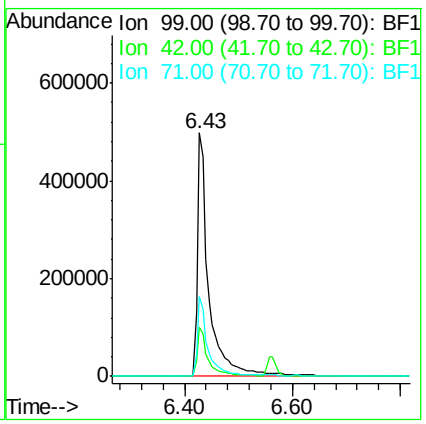


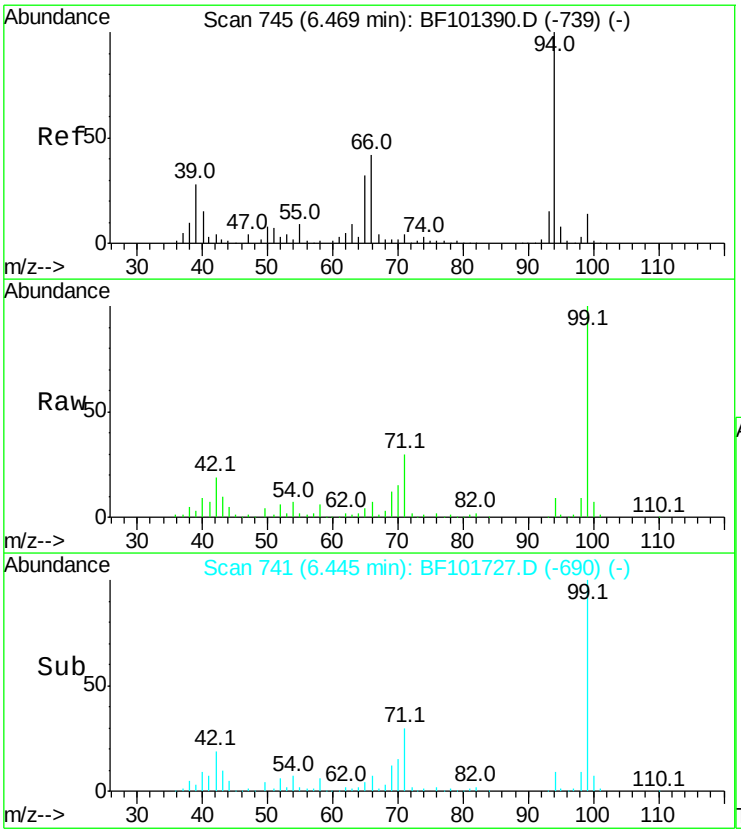
#7
Phenol-d6
Concen: 91.883 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion: 99 Resp: 728555

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	32.9	25.4	38.0

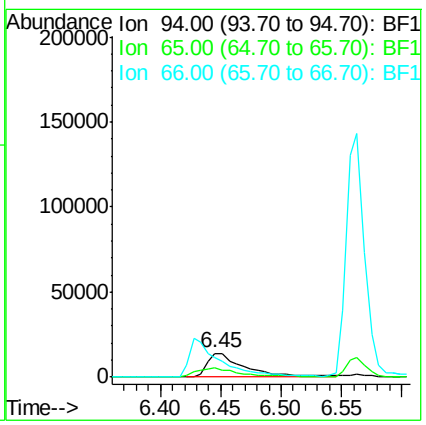


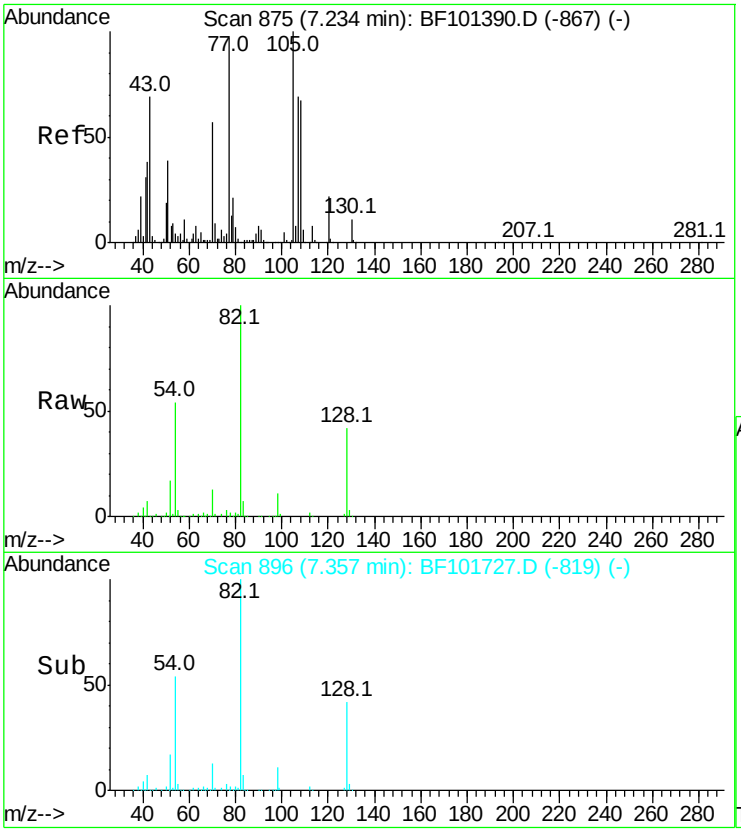


#10
Phenol
Concen: 3.362 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion: 94 Resp: 30387

Ion	Ratio	Lower	Upper
94	100		
65	40.9	7.9	47.9
66	80.4	16.2	56.2#



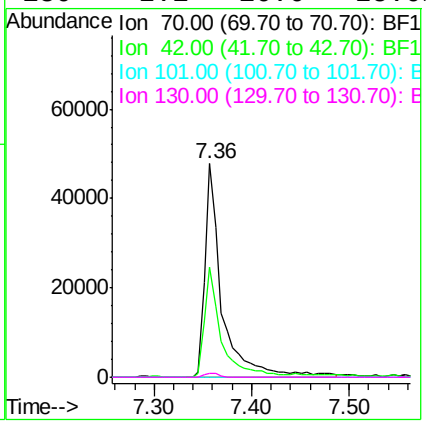


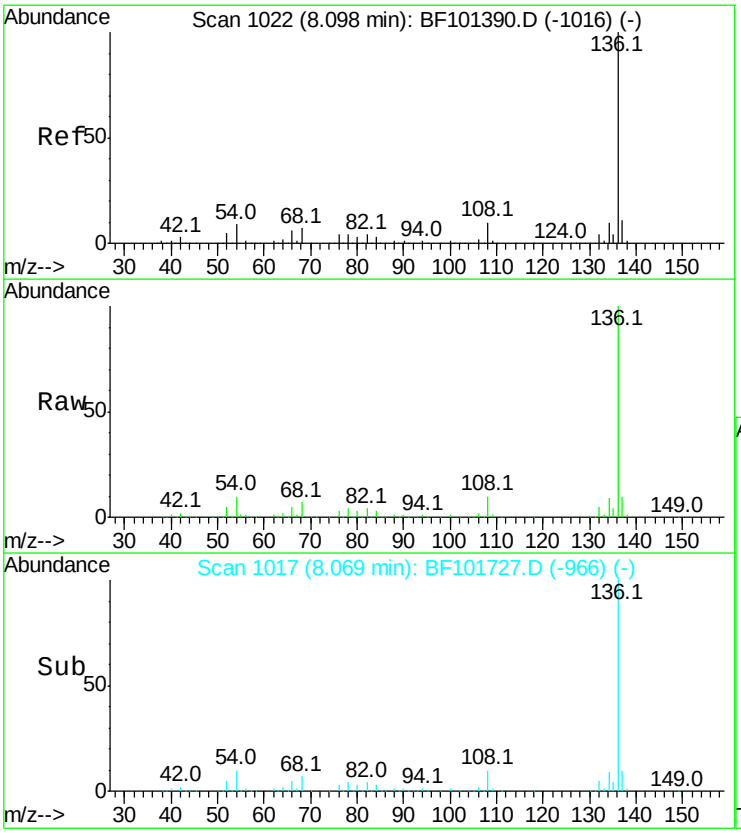
#19
n-Nitroso-di-n-propylamine
Concen: 11.175 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion: 70 Resp: 58189

Ion	Ratio	Lower	Upper
70	100		
42	51.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

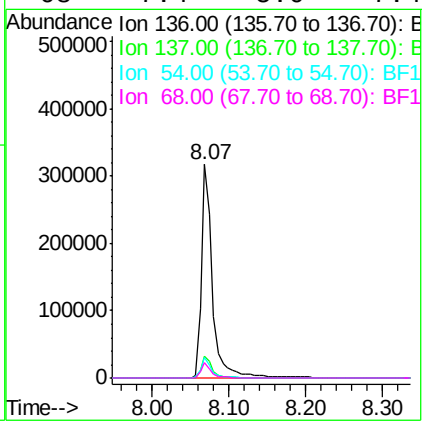


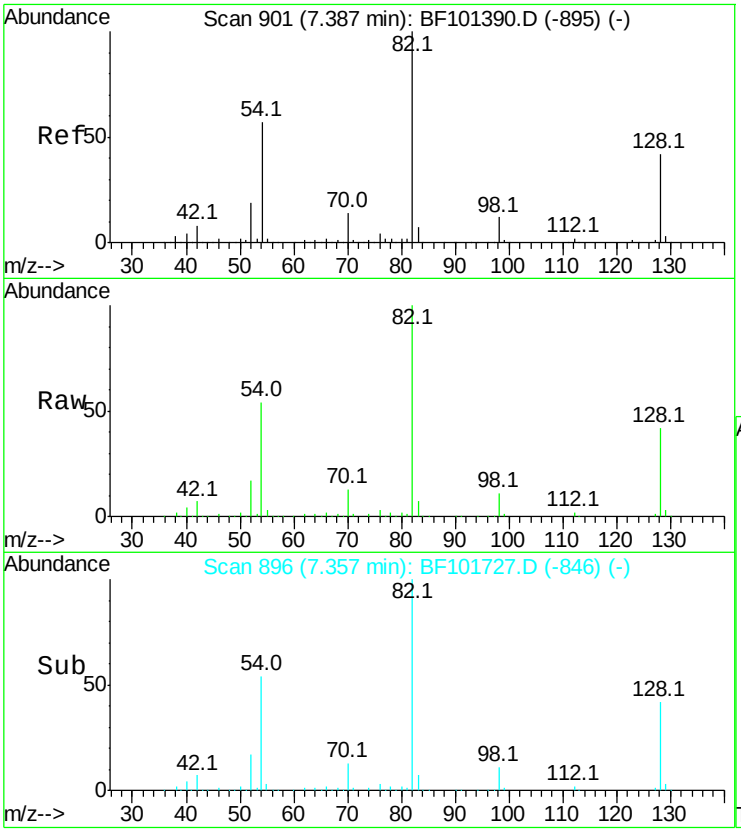


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:136 Resp: 320321

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.8	6.6	9.8
68	7.4	5.0	7.4



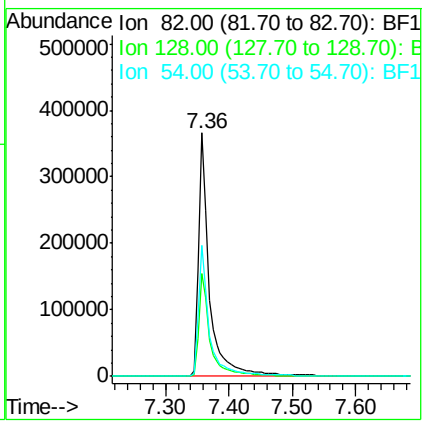


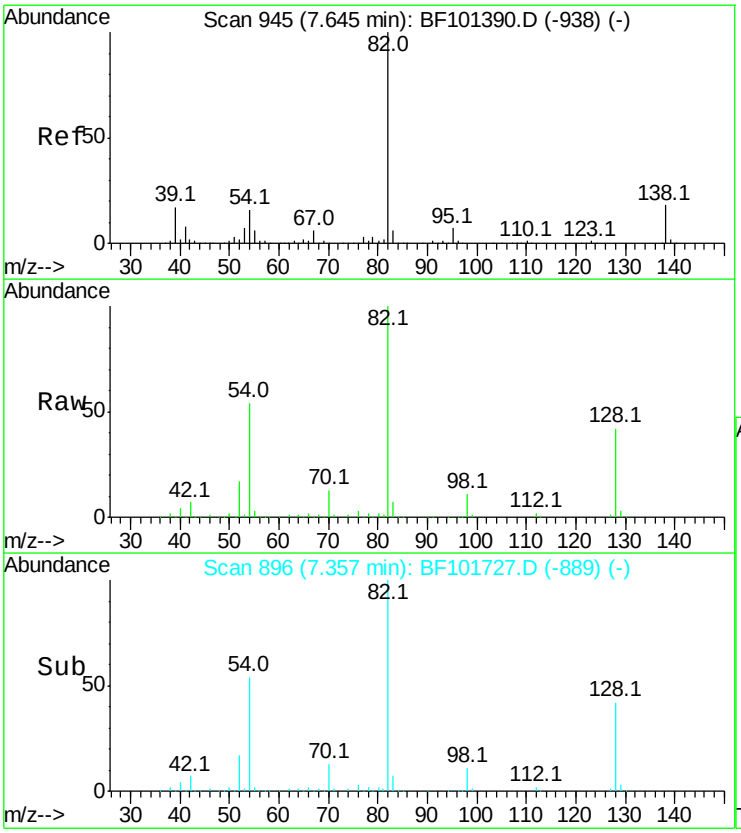
#23
Nitrobenzene-d5
Concen: 76.052 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion: 82 Resp: 437630

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	53.7	41.4	62.2

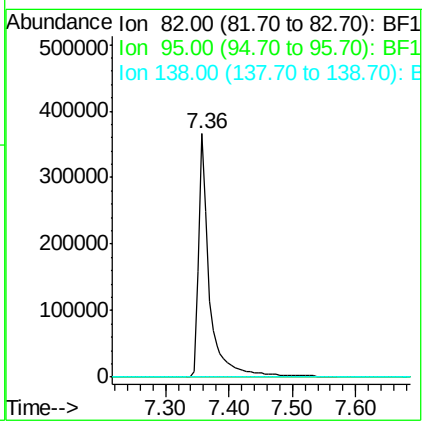


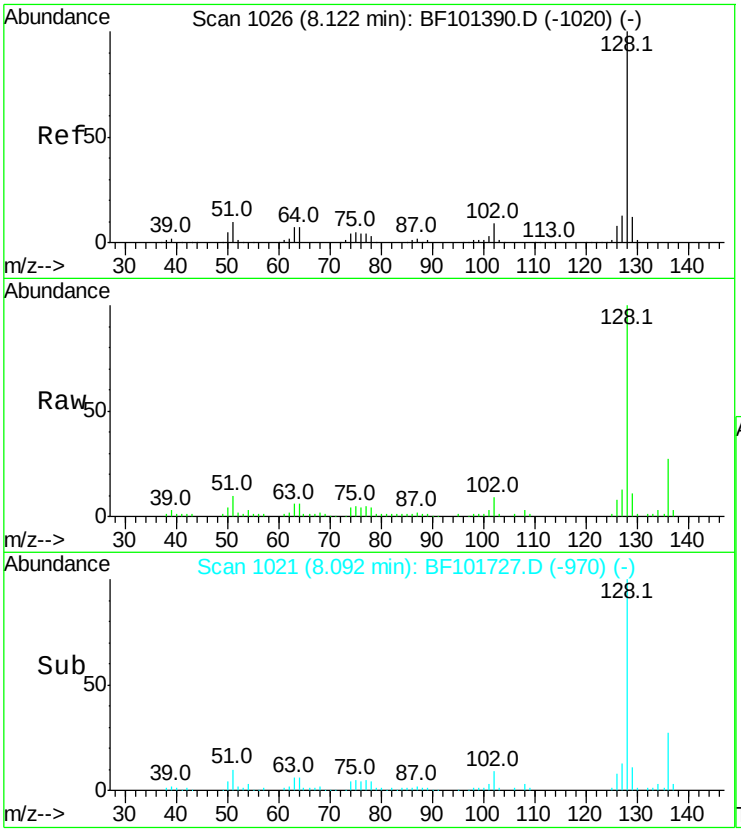


#25
Isophorone
Concen: 37.911 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion: 82 Resp: 437630

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

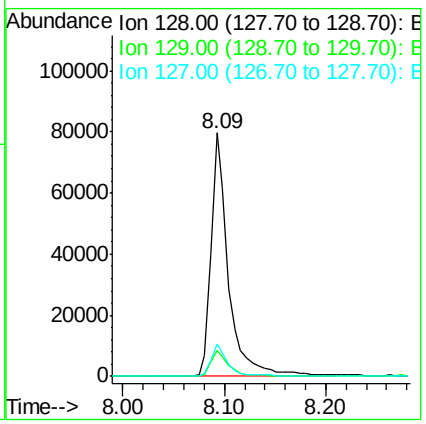




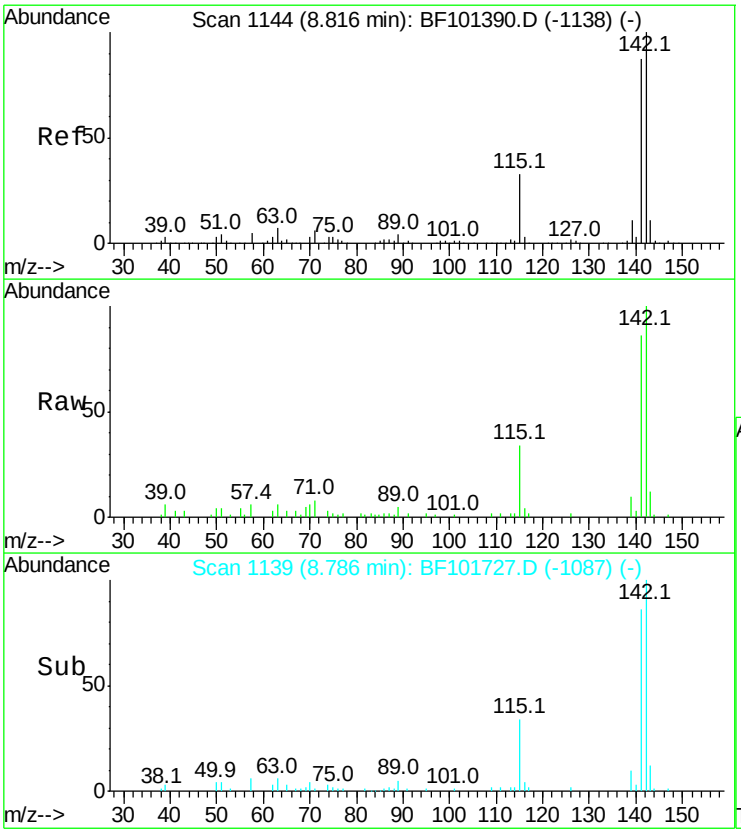
#31
Naphthalene
Concen: 5.926 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:128 Resp: 95571

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.1	10.9	16.3



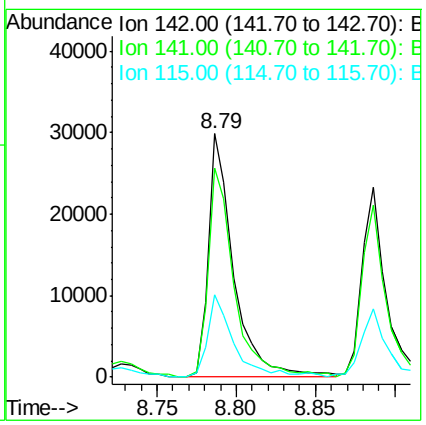
Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

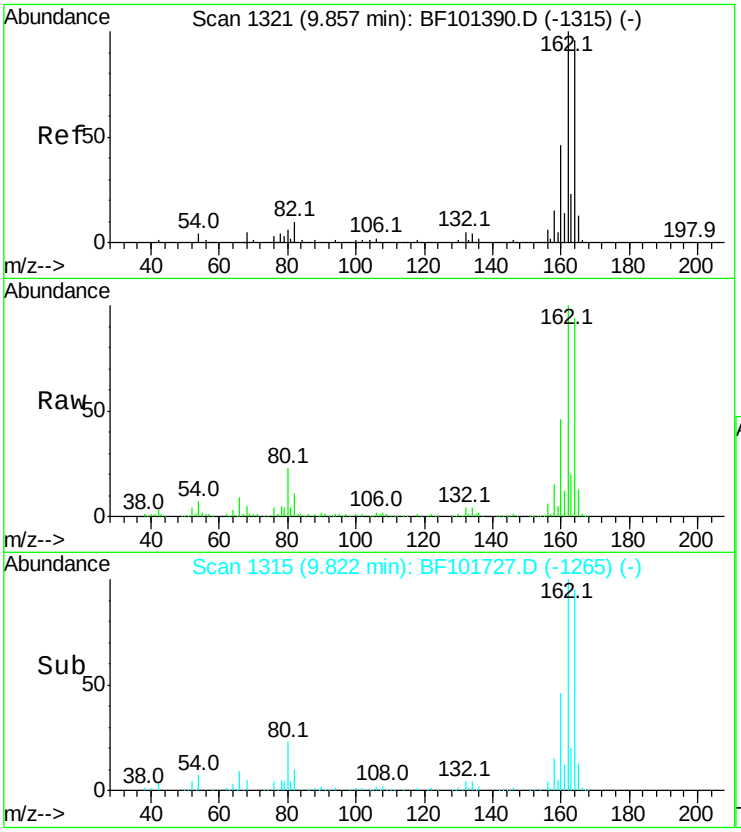


#37
2-Methylnaphthalene
Concen: 3.166 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:142 Resp: 33263

Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.8	106.2
115	33.6	26.1	39.1

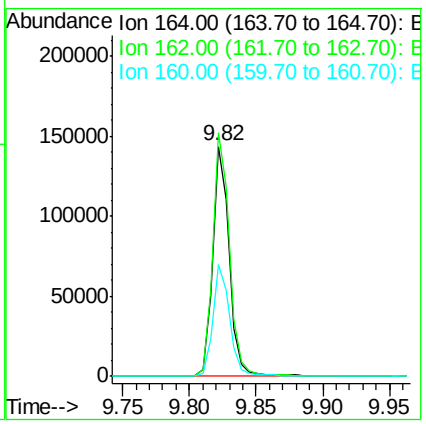




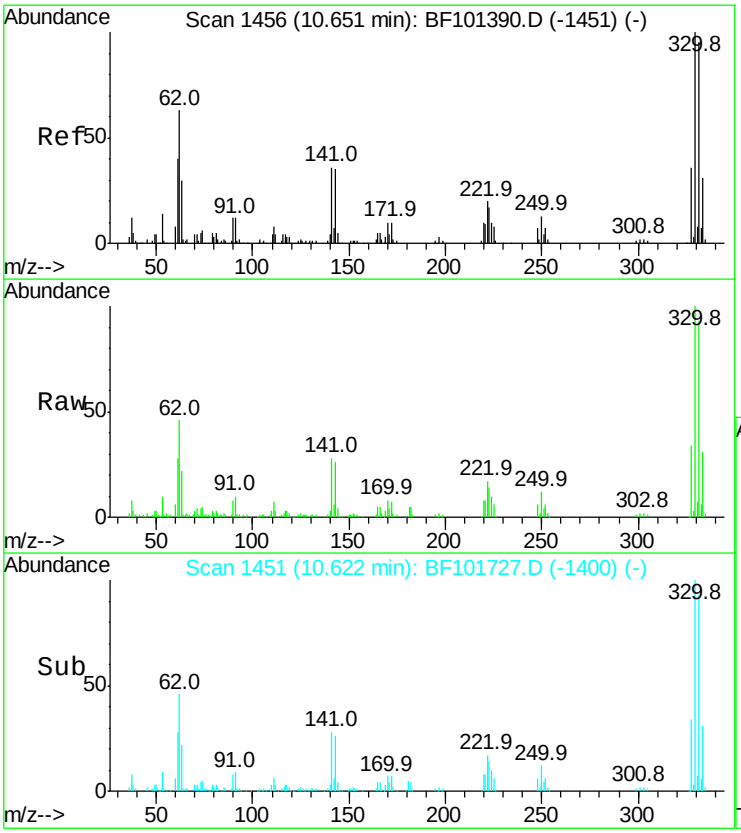
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:164 Resp: 126091

Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	48.5	38.3	57.5



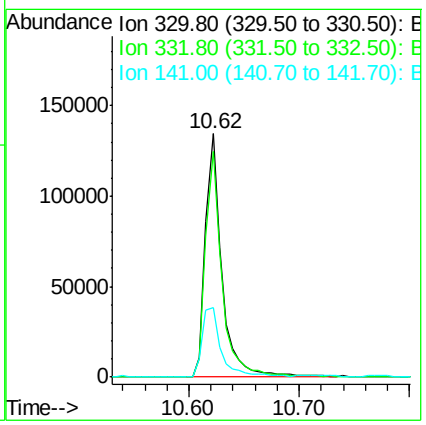
Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

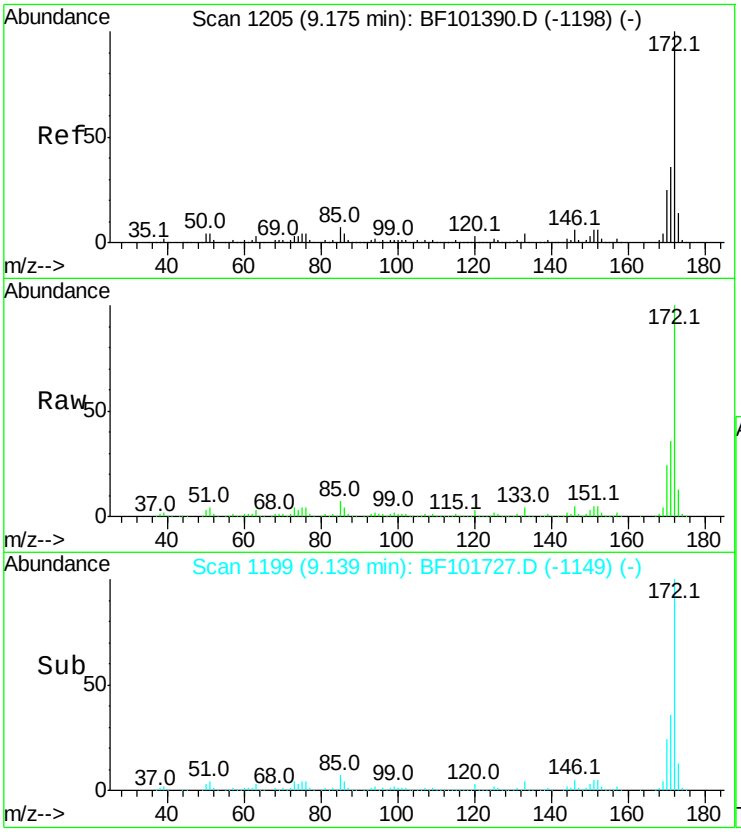


#41
2,4,6-Tribromophenol
Concen: 111.971 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:330 Resp: 136043

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	33.5	29.9	44.9



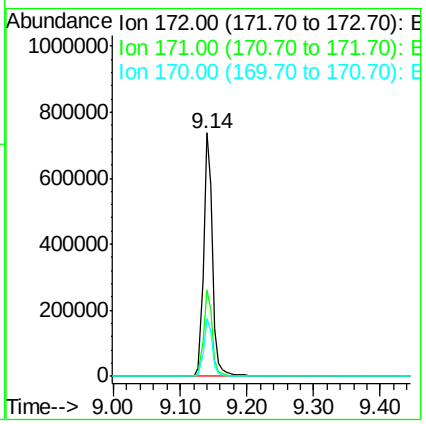


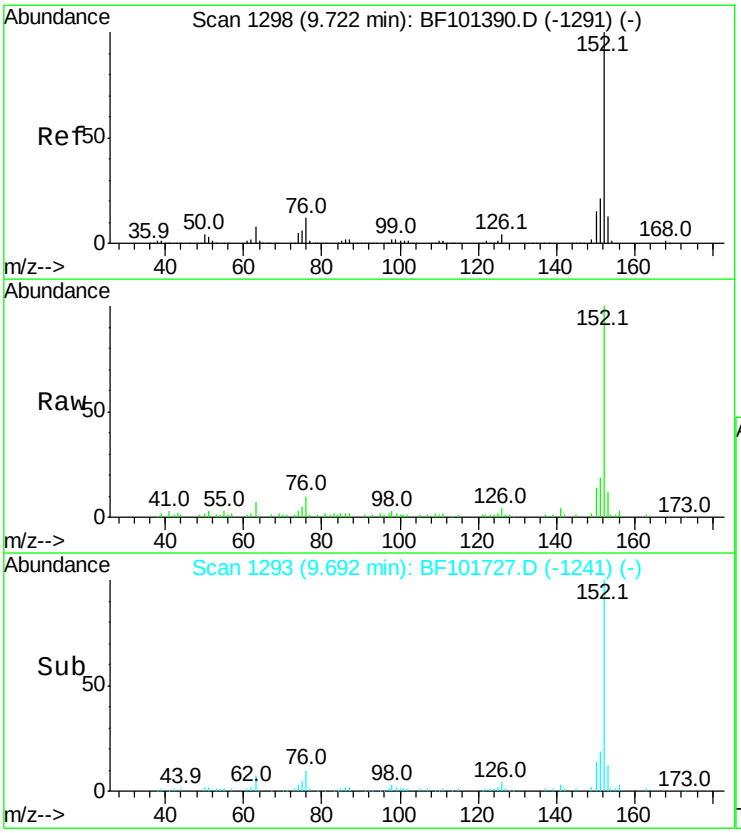
#44
2-Fluorobiphenyl
Concen: 82.934 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:172 Resp: 674121

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.7	19.6	29.4

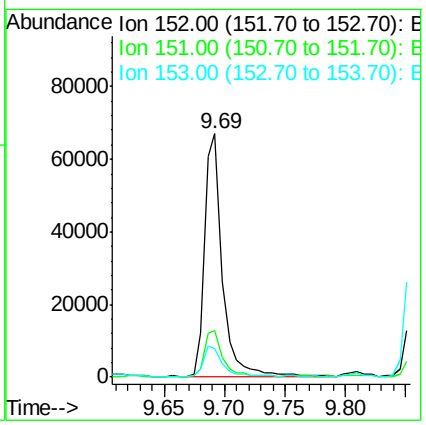


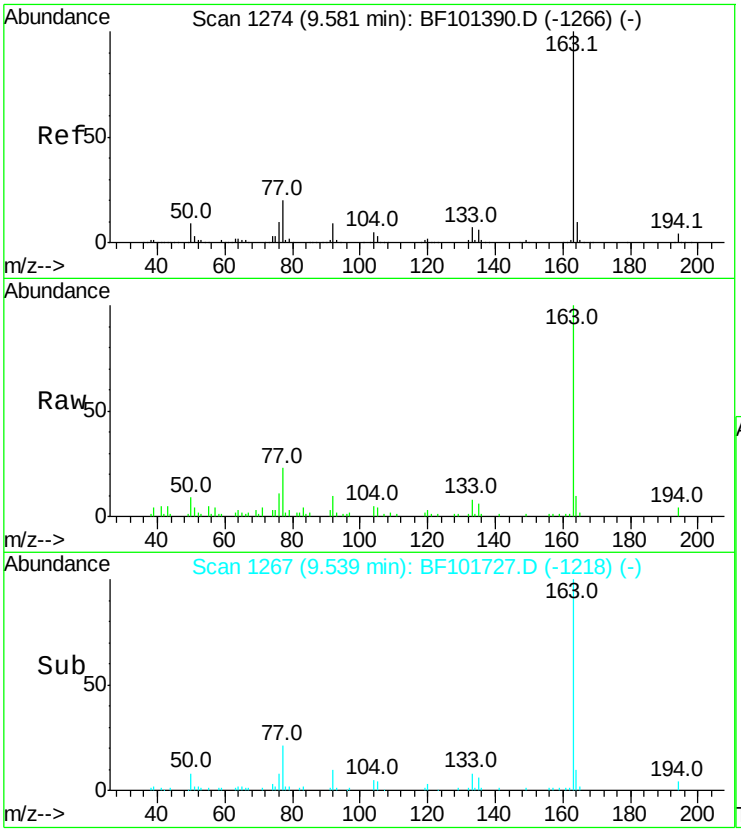


#48
Acenaphthylene
Concen: 5.081 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:152 Resp: 68660

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.3	24.5
153	11.8	10.7	16.1



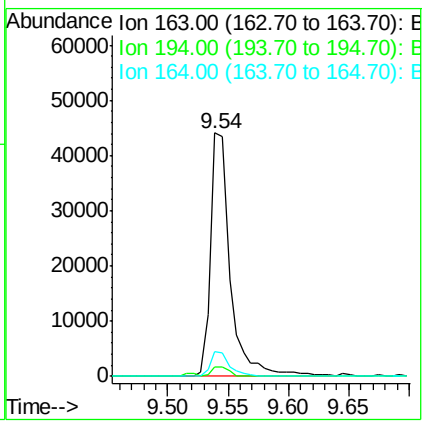


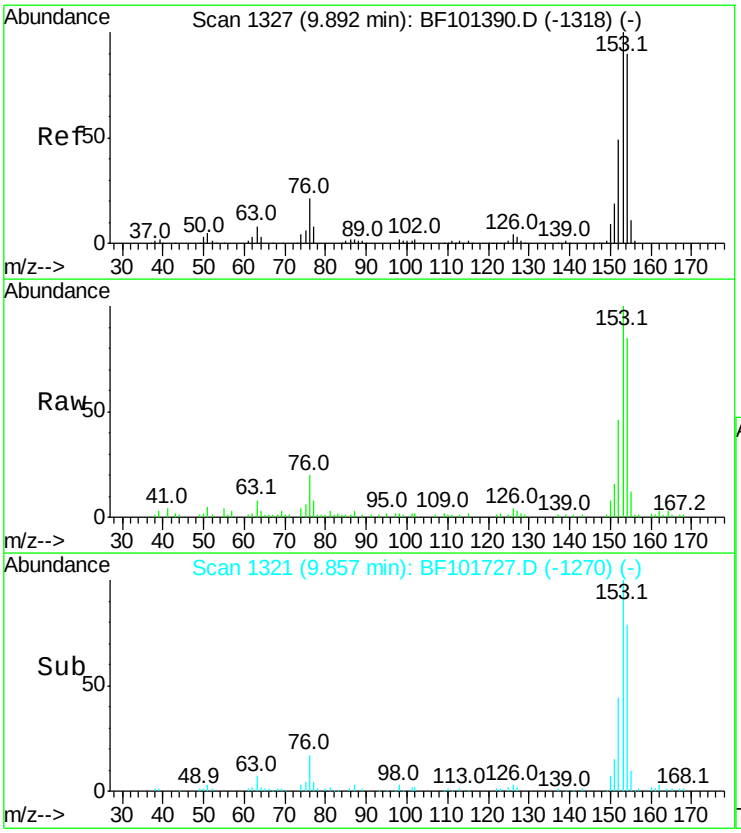
#49
Dimethylphthalate
Concen: 4.892 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:163 Resp: 49618

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.2	8.2	12.2

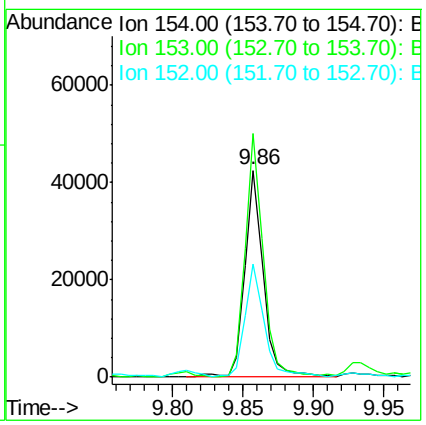


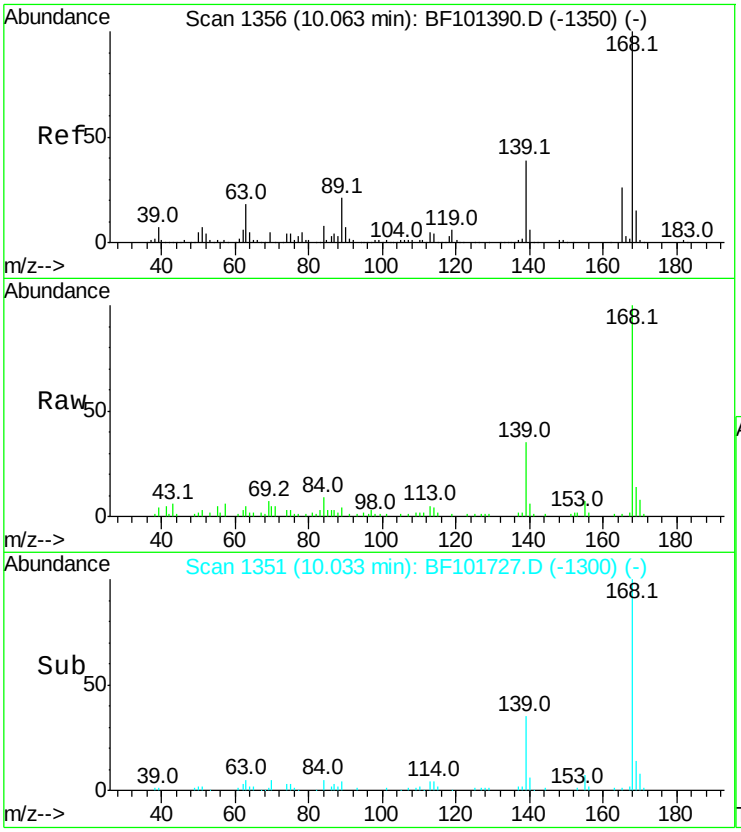


#51
Acenaphthene
Concen: 4.815 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:154 Resp: 39098

Ion	Ratio	Lower	Upper
154	100		
153	117.6	91.2	136.8
152	54.3	43.8	65.8



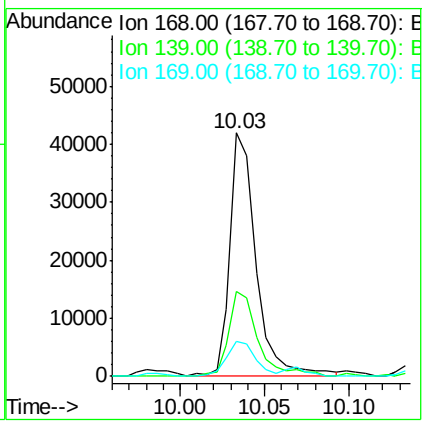


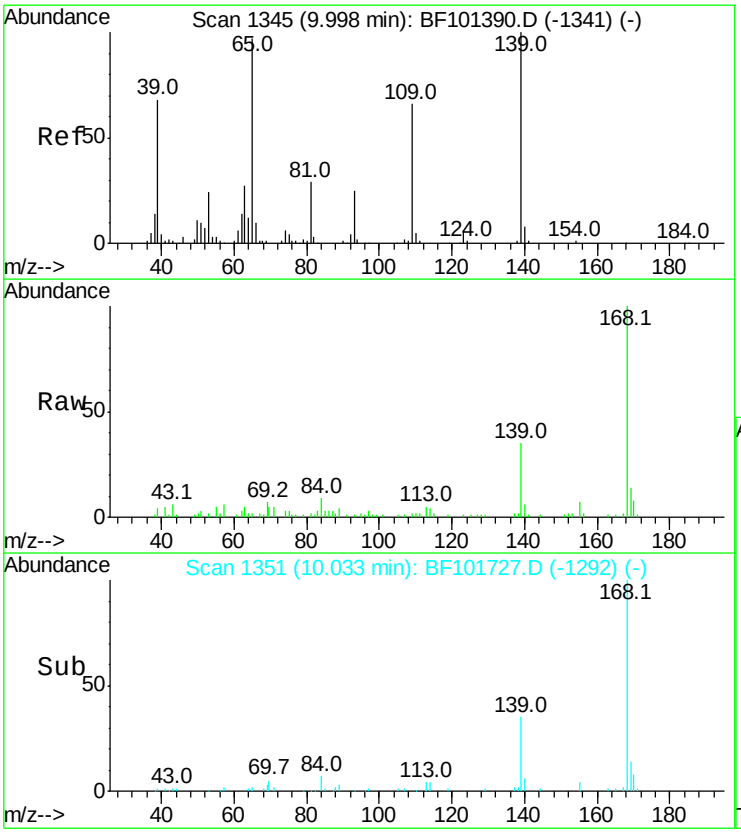
#54
Dibenzofuran
Concen: 4.385 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:168 Resp: 45243

Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.1	45.1
169	14.5	10.9	16.3

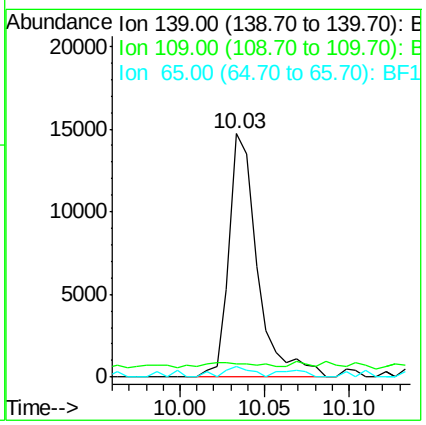


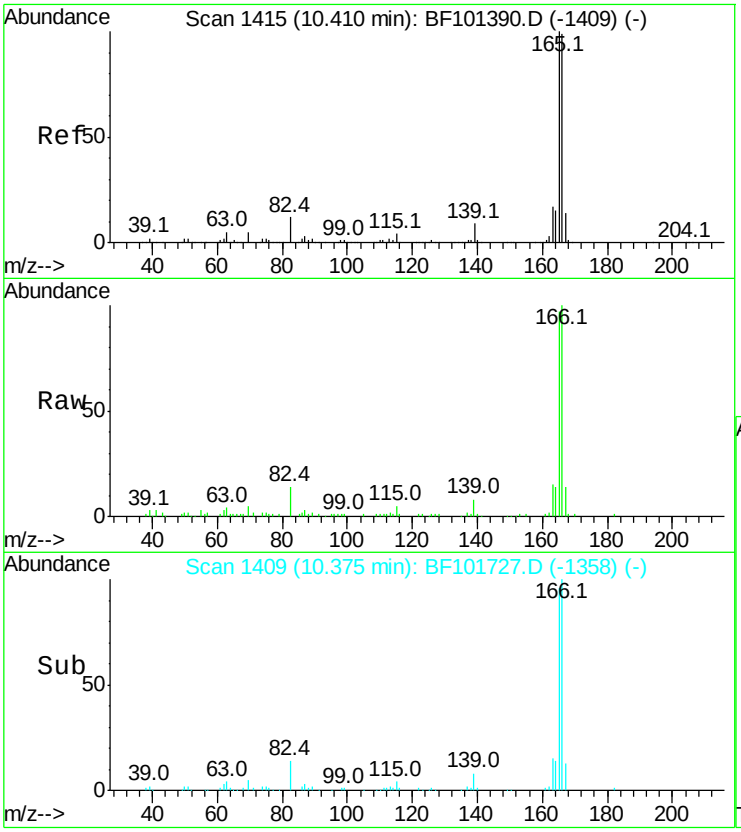


#55
4-Nitrophenol
Concen: 15.413 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.05 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:139 Resp: 17272

Ion	Ratio	Lower	Upper
139	100		
109	5.2	48.4	88.4#
65	4.3	72.6	112.6#



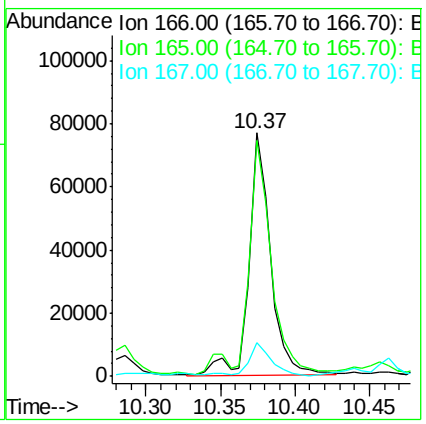


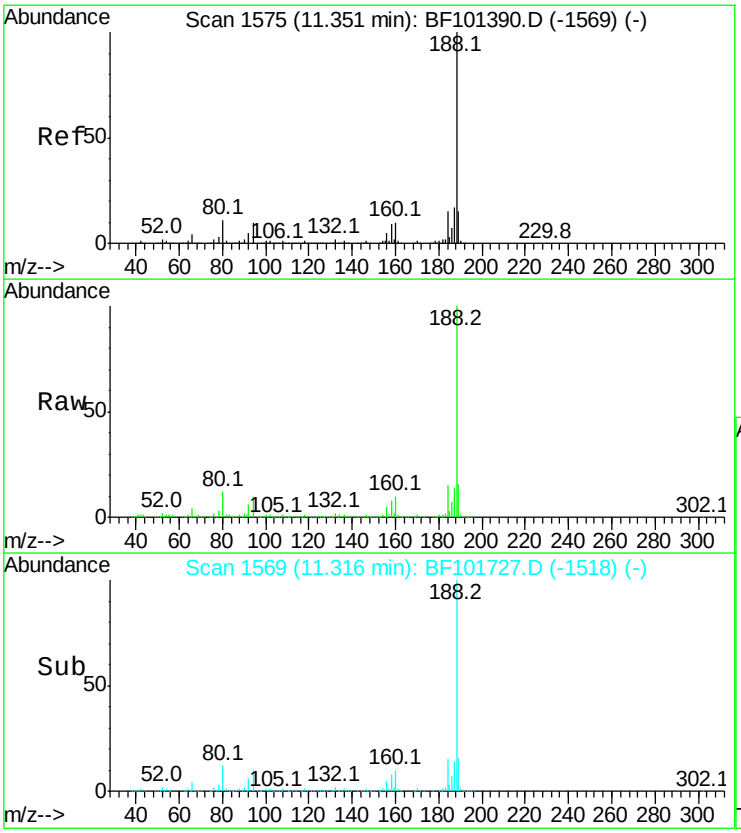
#57
Fluorene
Concen: 8.719 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:166 Resp: 76105

Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.8	119.8
167	13.8	10.6	16.0

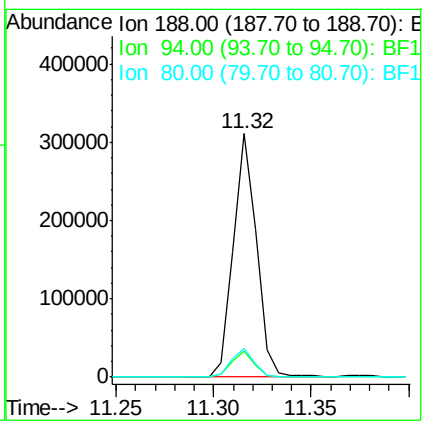


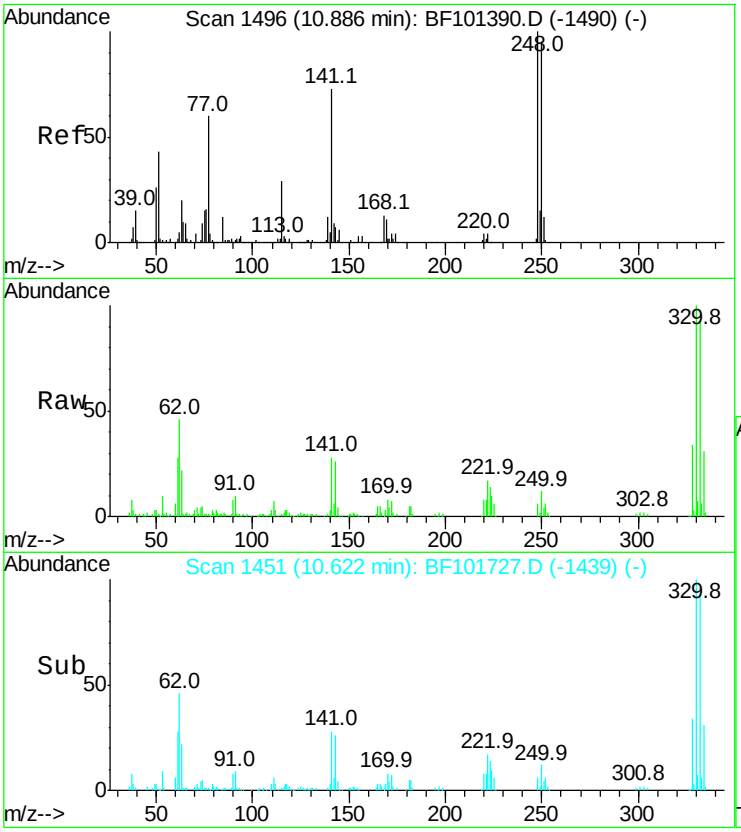


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:188 Resp: 256285

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.6	9.2	13.8



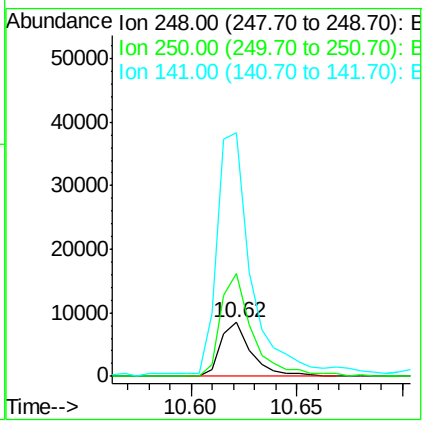


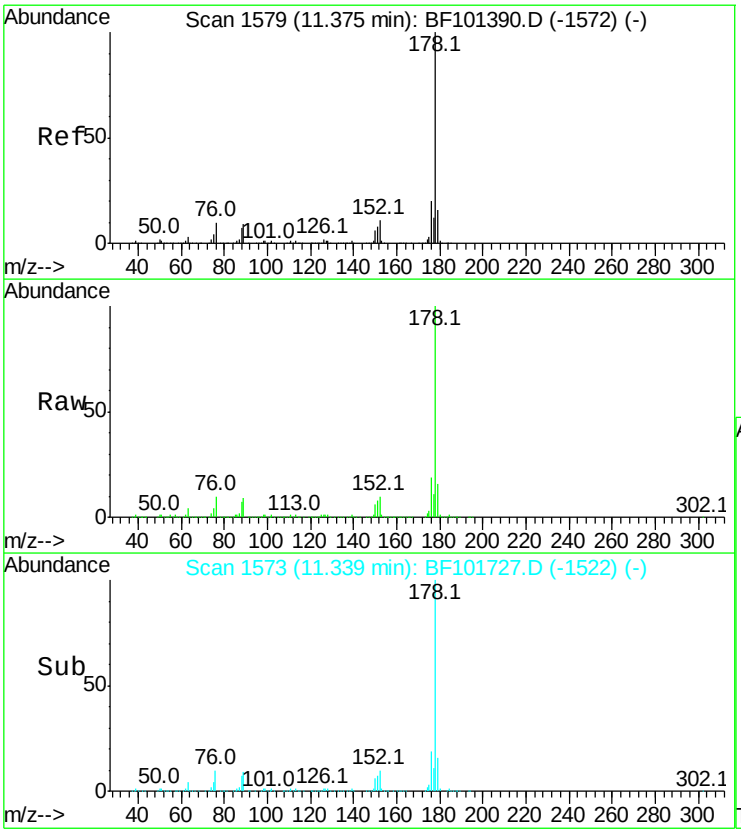
#66
4-Bromophenyl-phenylether
Concen: 2.984 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.23 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:248 Resp: 8592

Ion	Ratio	Lower	Upper
248	100		
250	193.1	76.9	115.3#
141	454.6	74.4	111.6#

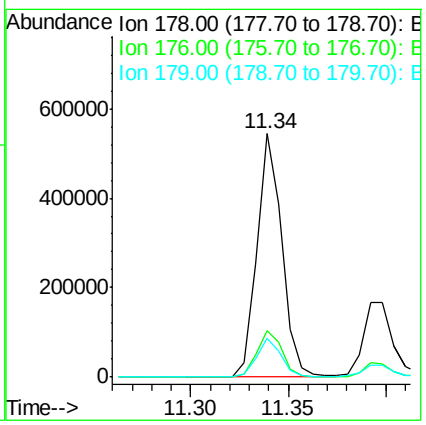


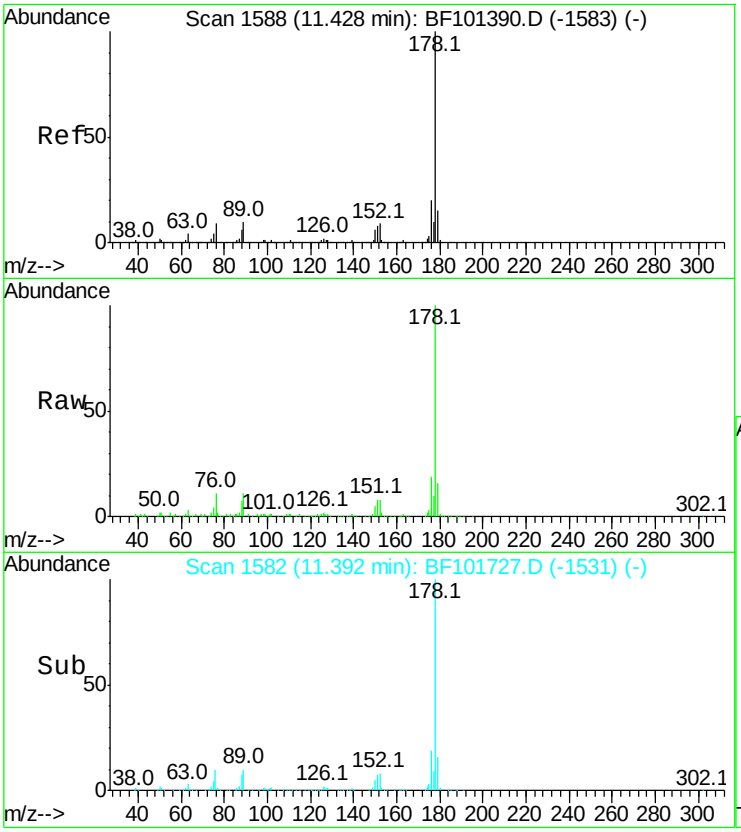


#70
Phenanthrene
Concen: 33.753 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:178 Resp: 481062

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.8	13.0	19.6



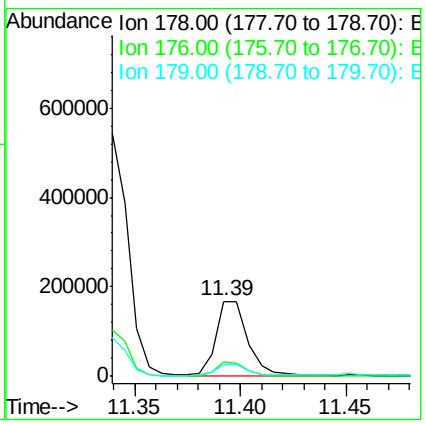


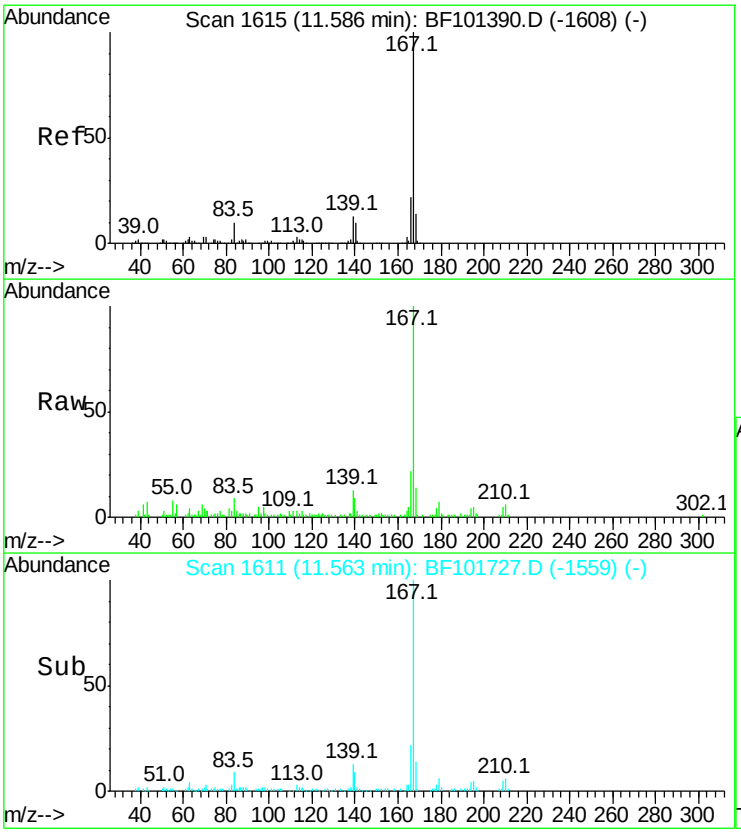
#71
Anthracene
Concen: 11.930 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:178 Resp: 173677

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.3	12.6	19.0

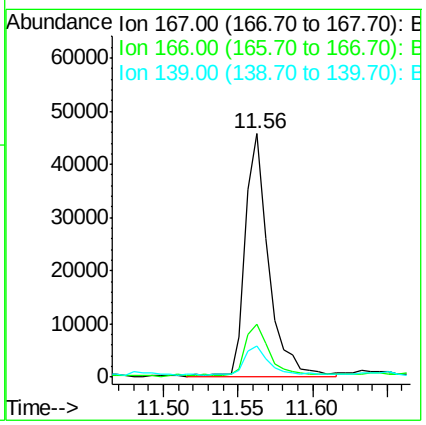


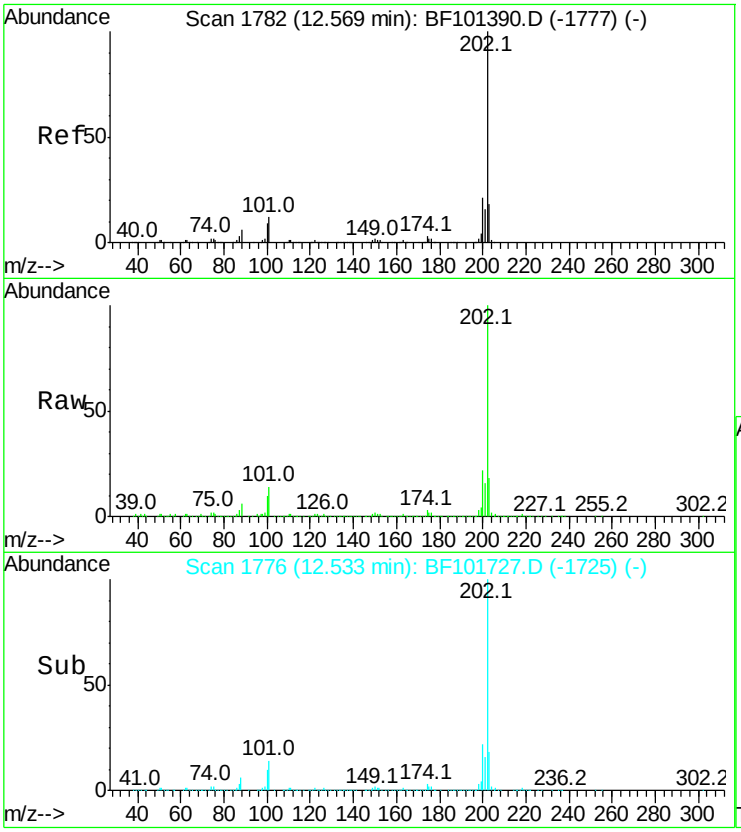


#72
Carbazole
Concen: 3.677 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:167 Resp: 50114

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.7	10.9	16.3



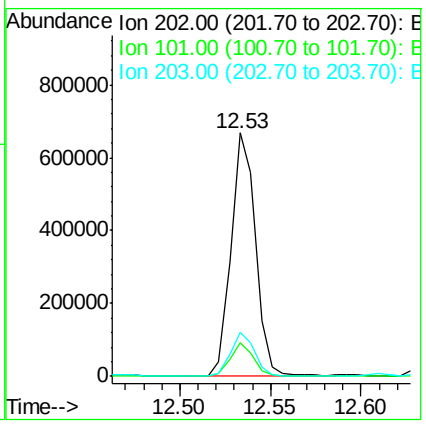


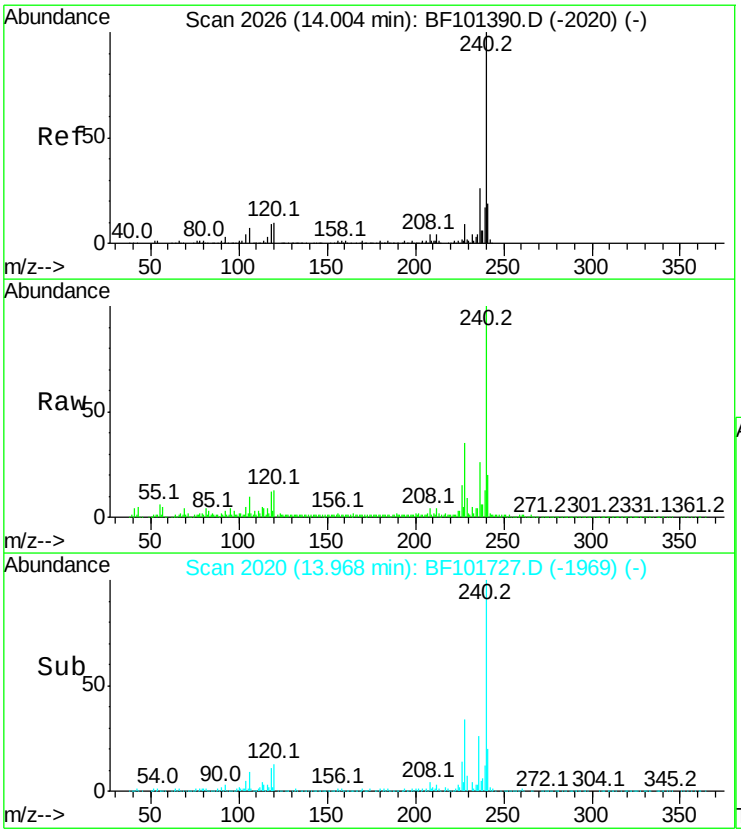
#74
Fluoranthene
Concen: 42.019 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:202 Resp: 628598

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	18.2	0.0	38.1

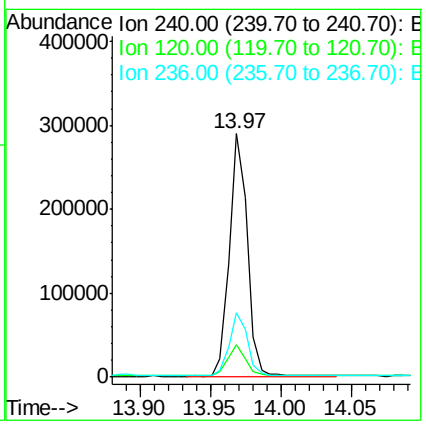


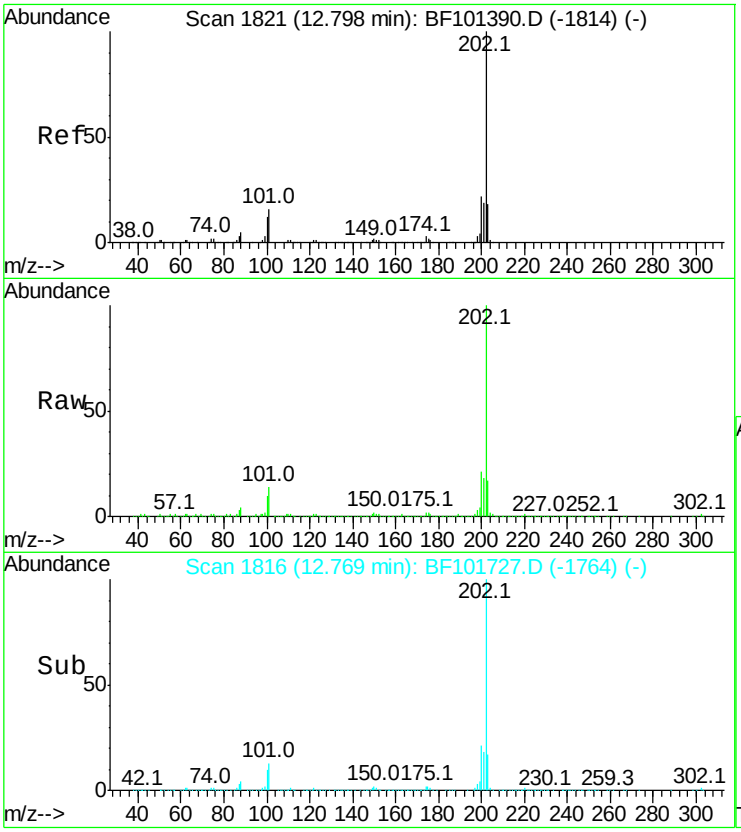


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:240 Resp: 254541

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	26.4	20.7	31.1



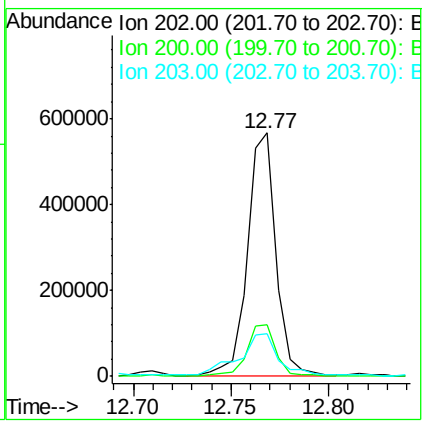


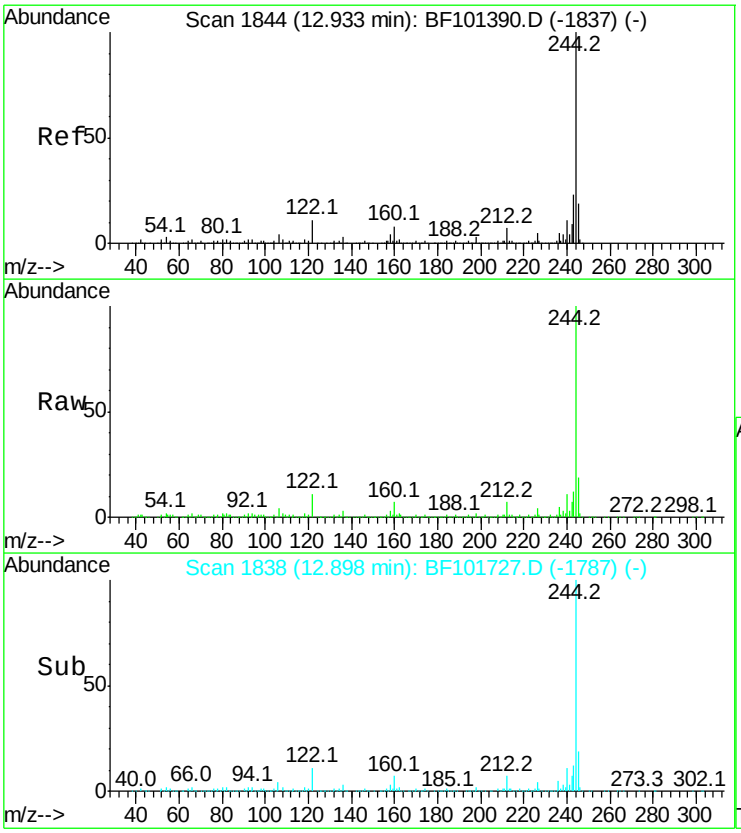
#77
Pyrene
Concen: 29.728 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:202 Resp: 567901

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.4	14.3	21.5

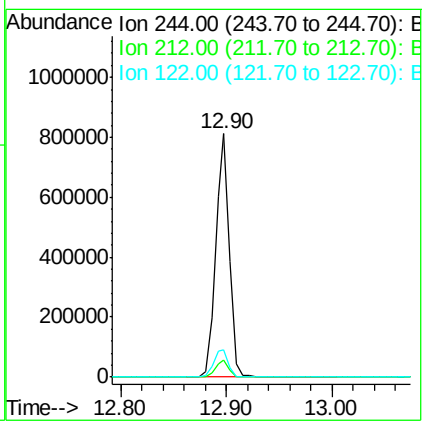


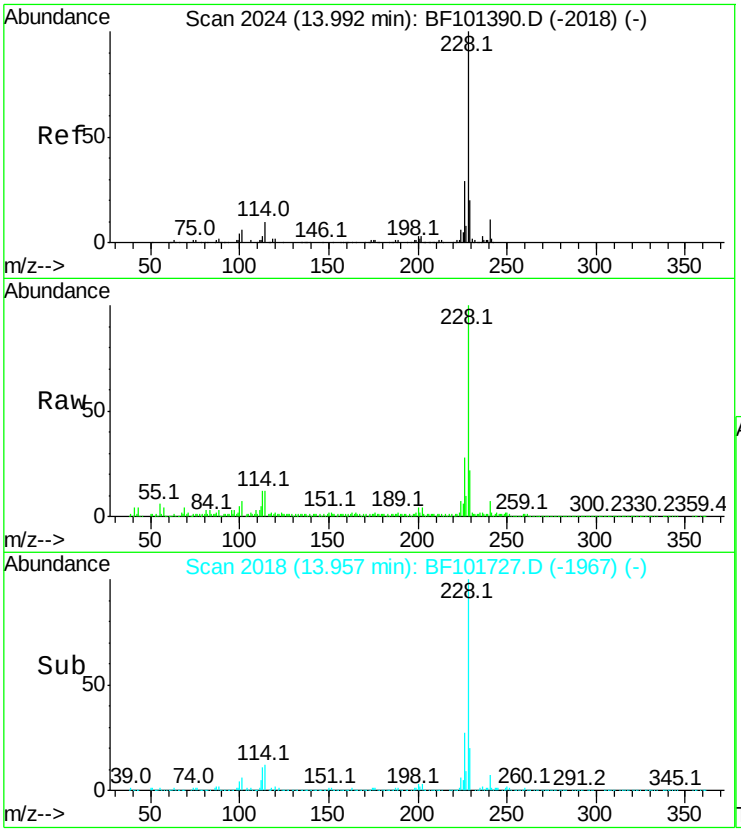


#78
Terphenyl-d14
Concen: 69.838 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:244 Resp: 737389

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4



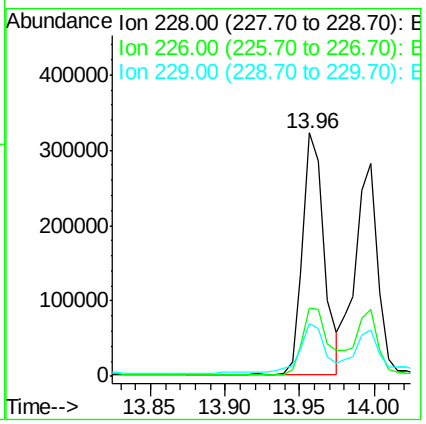


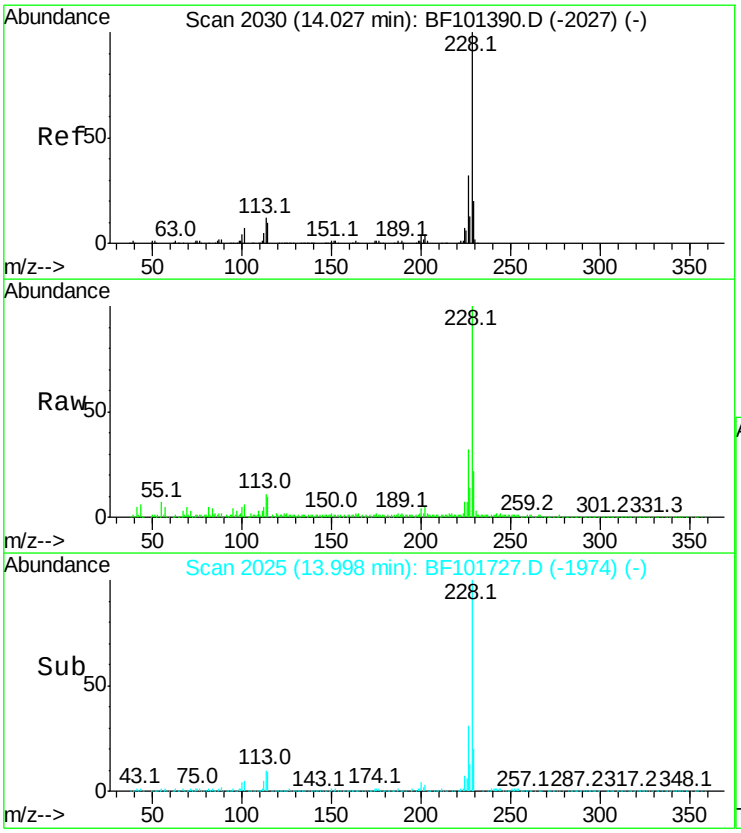
#80
Benzo(a)anthracene
Concen: 19.494 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:228 Resp: 327650

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	21.6	15.8	23.6

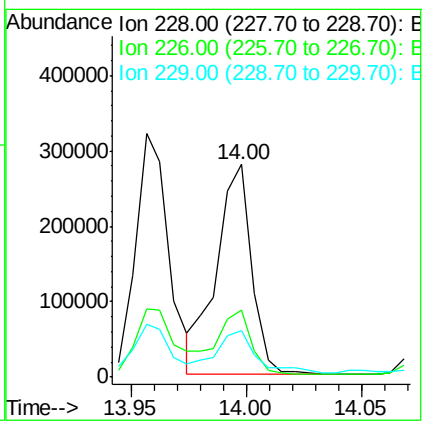


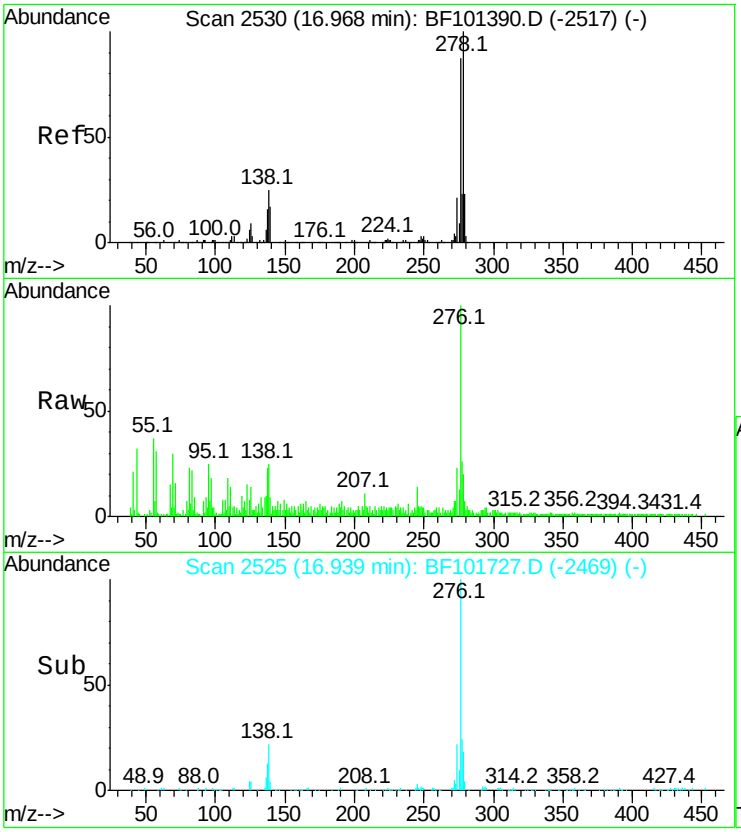


#82
Chrysene
Concen: 18.671 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:228 Resp: 296301

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	22.0	16.2	24.4



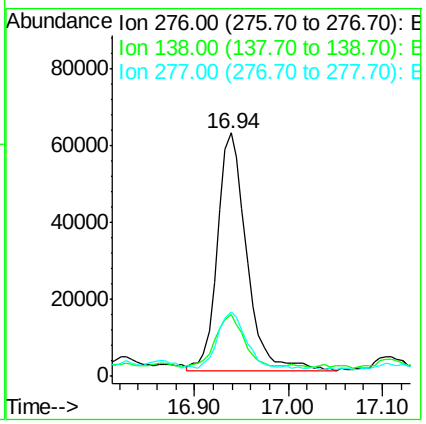


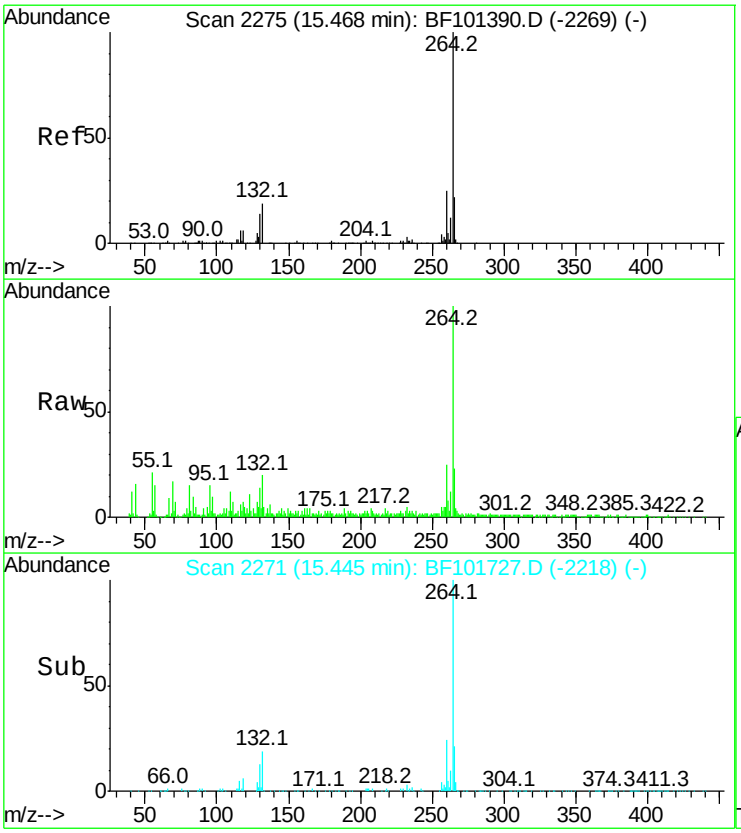
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.492 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.03 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:276 Resp: 134146

Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	22.2	20.1	30.1

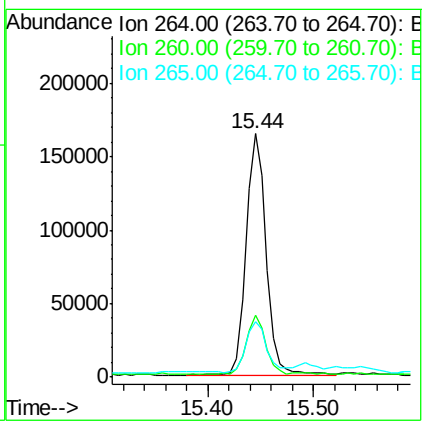


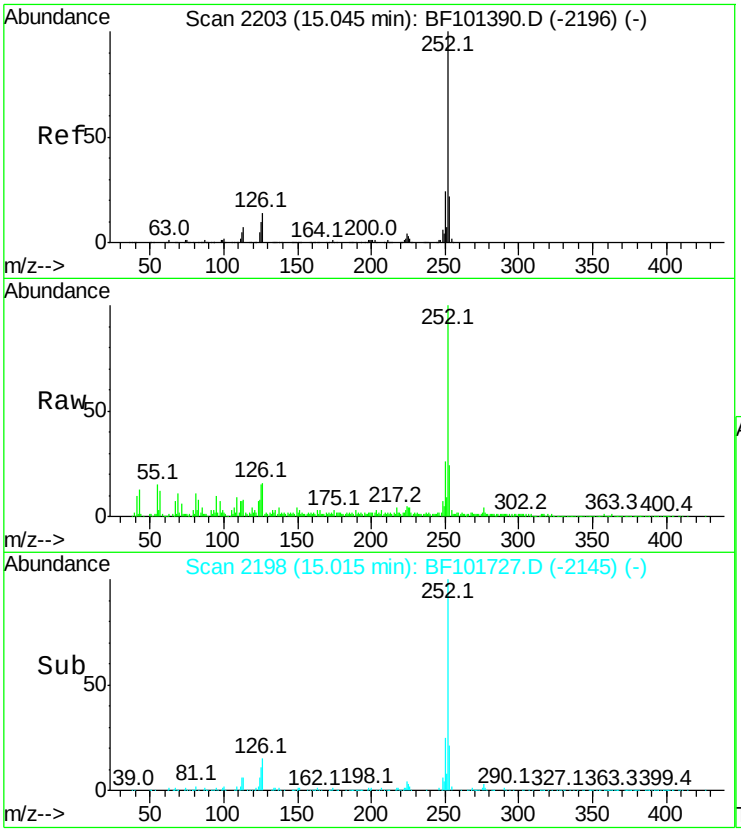


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:264 Resp: 217837

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.9	17.5	26.3



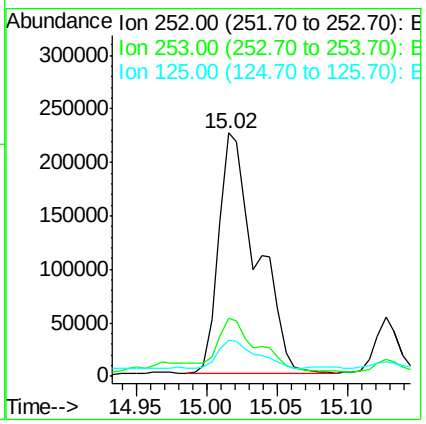


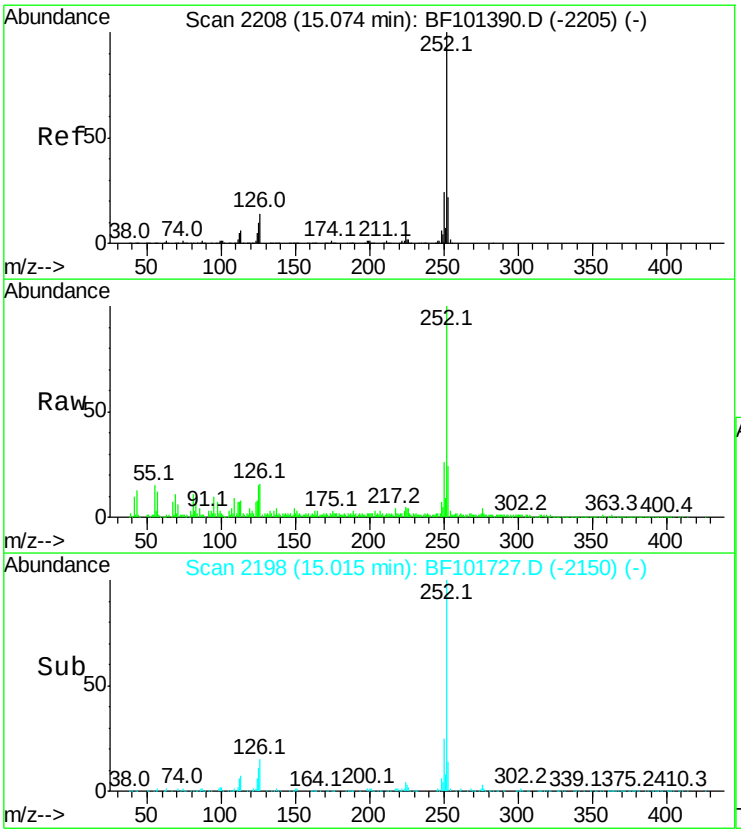
#87
Benzo(b)fluoranthene
Concen: 31.821 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:252 Resp: 422503

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	14.7	9.0	13.6#

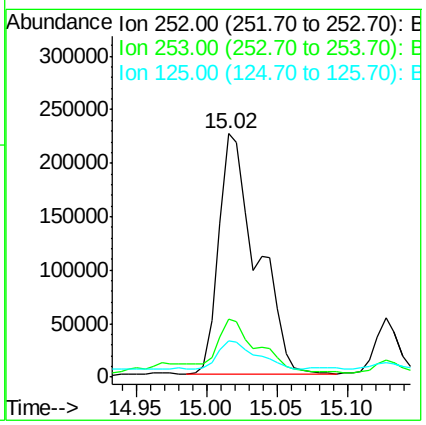


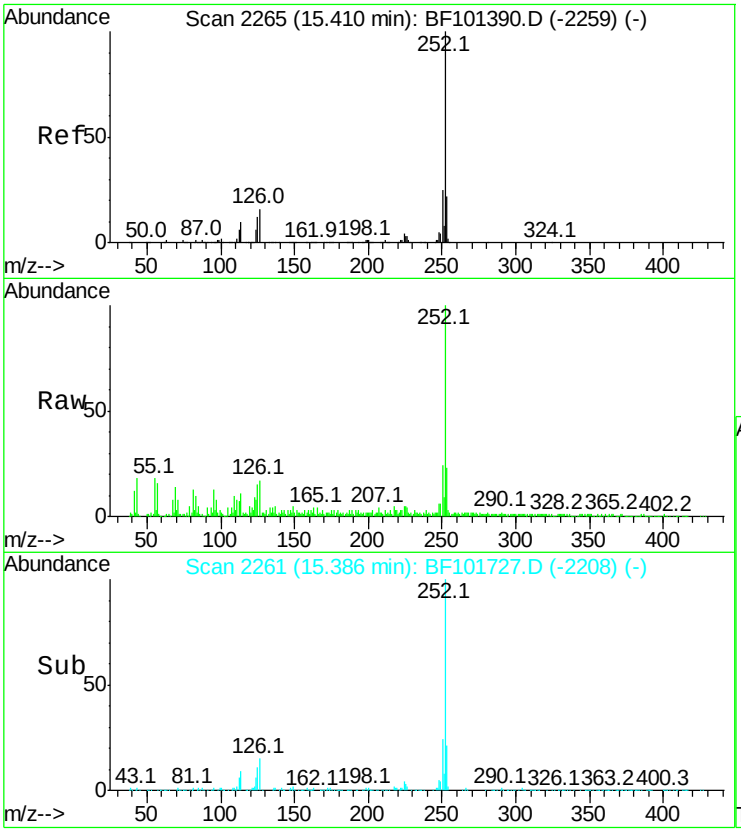


#88
Benzo(k)fluoranthene
Concen: 32.728 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:252 Resp: 422503

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	14.7	10.2	15.2



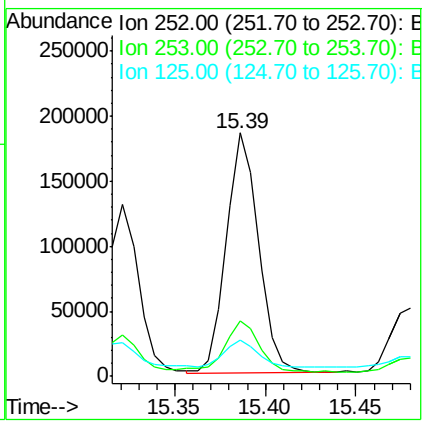


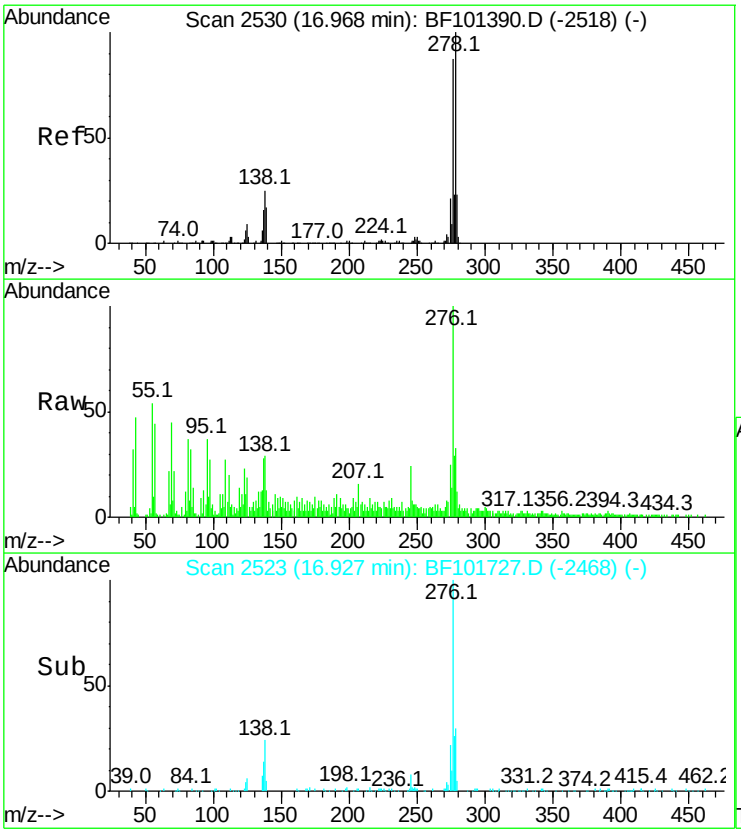
#89
Benzo(a)pyrene
Concen: 18.576 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:252 Resp: 227371

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	15.1	9.8	14.6#

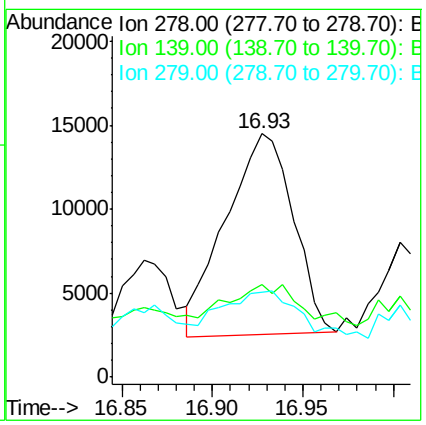


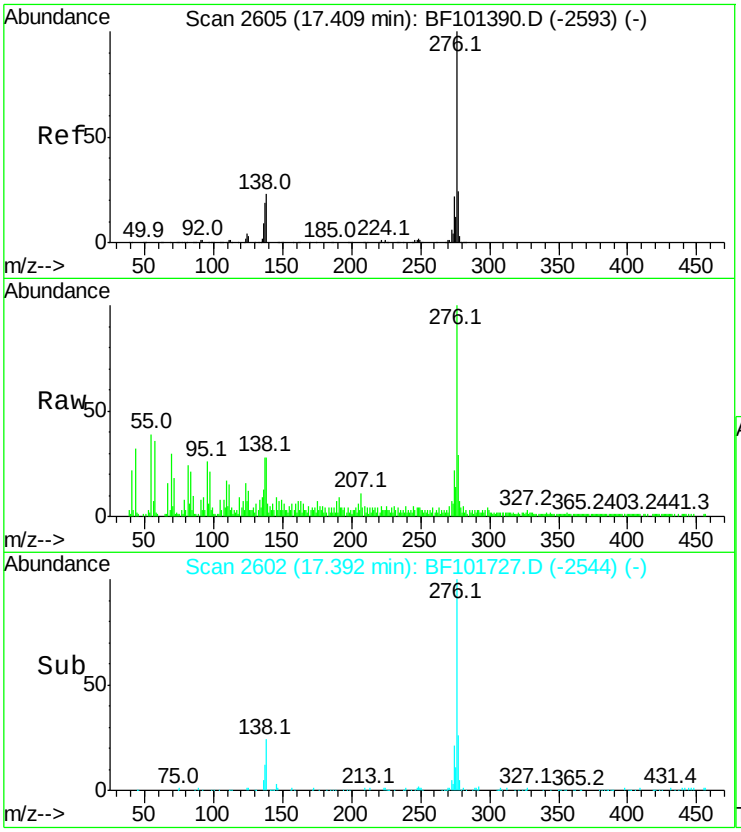


#90
Dibenzo(a,h)anthracene
Concen: 2.947 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.02 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Tgt Ion:278 Resp: 30974

Ion	Ratio	Lower	Upper
278	100		
139	37.9	15.9	23.9#
279	35.0	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 12.456 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.04 min
Lab File: BF101727.D
Acq: 26 Dec 2017 21:33

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion:276 Resp: 129616

Ion	Ratio	Lower	Upper
276	100		
277	28.8	17.9	26.9#
138	27.8	21.8	32.8