Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101807.D
Acq On : 28 Dec 2017 17:25
Operator : SJ/JU
Sample : I6970-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 28 18:14:34 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	6.78	152	155859	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	607625	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	243409	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	381840	20.00	ng		0.00
75) Chrysene-d12	13.97	240	268835	20.00	ng		0.00
86) Perylene-d12	15.44	264	295636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	982905	93.94	ng		0.00
7) Phenol-d6	6.43	99	1249911	95.98	ng		0.00
23) Nitrobenzene-d5	7.36	82	781745	71.62	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	162040	69.09	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1191193	75.91	ng		0.00
78) Terphenyl-d14	12.90	244	850850	76.30	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	19641	2.042	ng		83
10) Phenol	6.45	94	51297	3.456	ng	#	71
19) n-Nitroso-di-n-propylamine	7.36	70	102390	11.973	ng	#	79
25) Isophorone	7.36	82	781745	35.700	ng	#	64
31) Naphthalene	8.09	128	110039	3.597	ng		98
32) Benzoic acid	8.06	122	107	7.976	ng	#	1
37) 2-Methylnaphthalene	8.78	142	60170	3.019	ng		98
49) Dimethylphthalate	9.53	163	73296	3.744	ng		99
51) Acenaphthene	9.85	154	214969	13.715	ng		97
53) 2,4-Dinitrophenol	10.10	184	127	10.400	ng	#	38
54) Dibenzofuran	10.03	168	148892	7.475	ng		98
57) Fluorene	10.37	166	297692	17.667	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	10341	2.410	ng	#	1
70) Phenanthrene	11.35	178	2076564	97.791	ng		98
71) Anthracene	11.39	178	914861	42.178	ng		99
72) Carbazole	11.56	167	133714	6.584	ng		98
74) Fluoranthene	12.55	202	1987863	89.187	ng		97
77) Pyrene	12.77	202	2189849	108.537	ng		98
80) Benzo(a)anthracene	13.96	228	1071848	60.380	ng		99
82) Chrysene	14.00	228	971191	57.944	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	397202	26.612	ng	#	92
87) Benzo(b)fluoranthene	15.02	252	1258835	69.859	ng		98
88) Benzo(k)fluoranthene	15.02	252	1258835	71.851	ng		100
89) Benzo(a)pyrene	15.39	252	810844	48.812	ng		97
90) Dibenzo(a,h)anthracene	17.09	278	102638	7.196	ng		96
91) Benzo(g,h,i)perylene	17.37	276	394834	27.957	ng		95

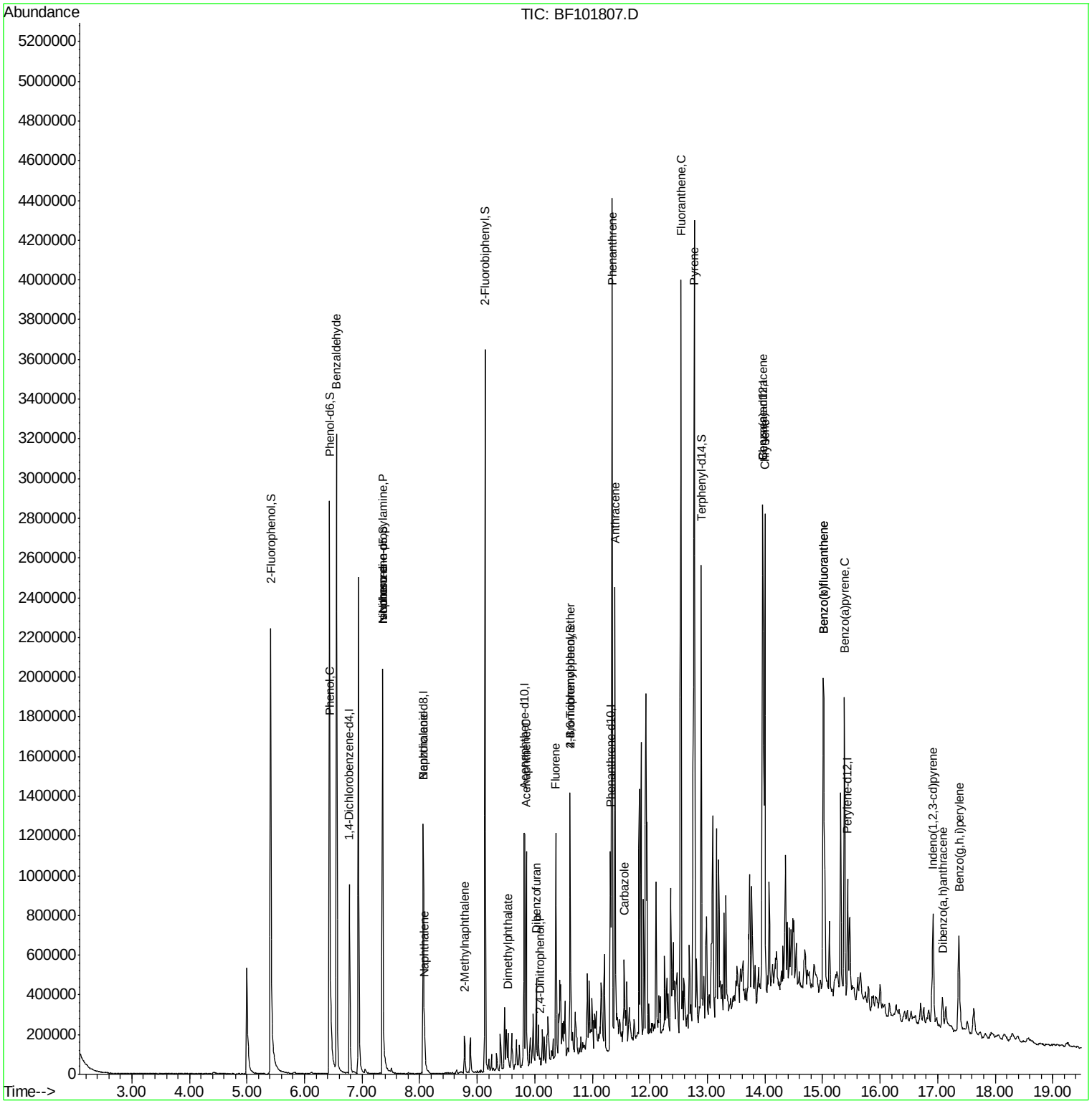
(#) = qualifier out of range (m) = manual integration (+) = signals summed

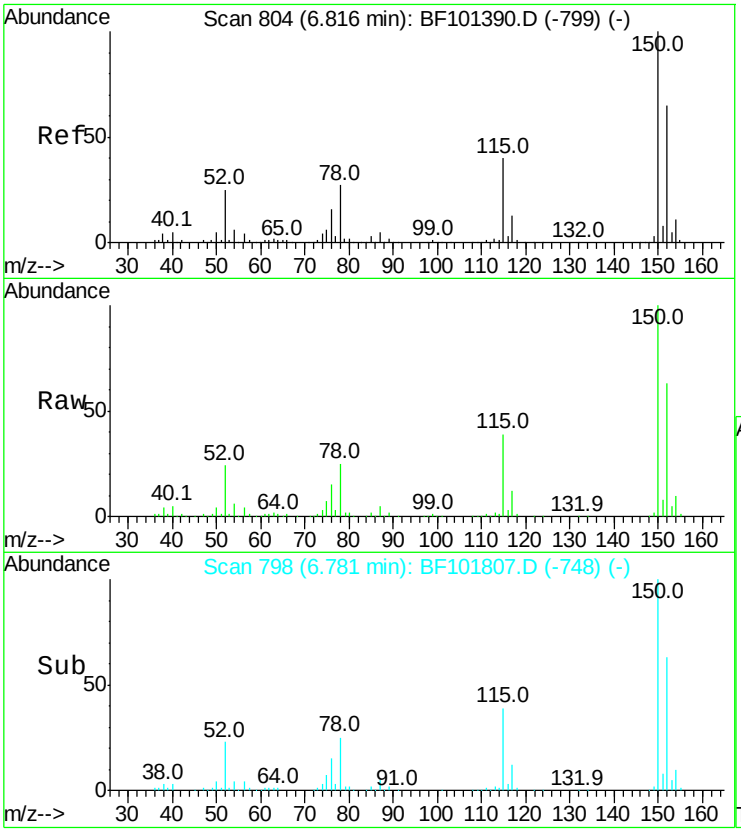
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101807.D
Acq On : 28 Dec 2017 17:25
Operator : SJ/JU
Sample : I6970-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 28 18:14:34 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



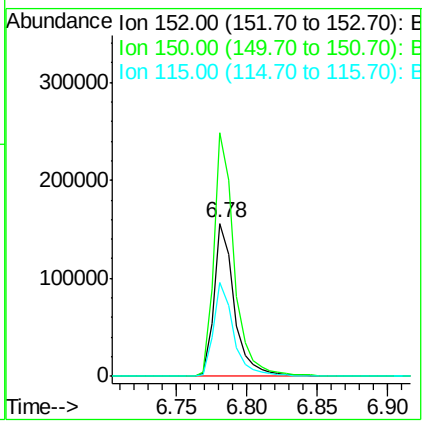


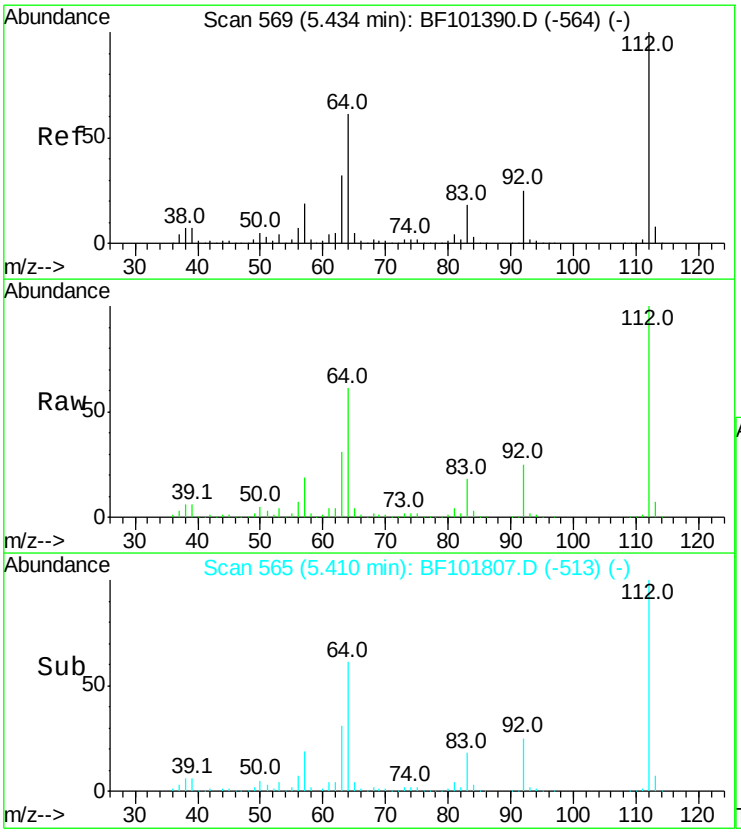
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155859

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	61.5	50.1	75.1

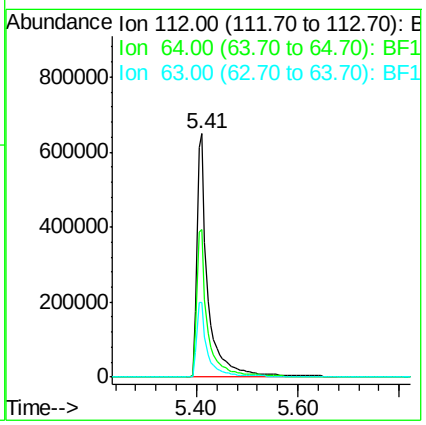


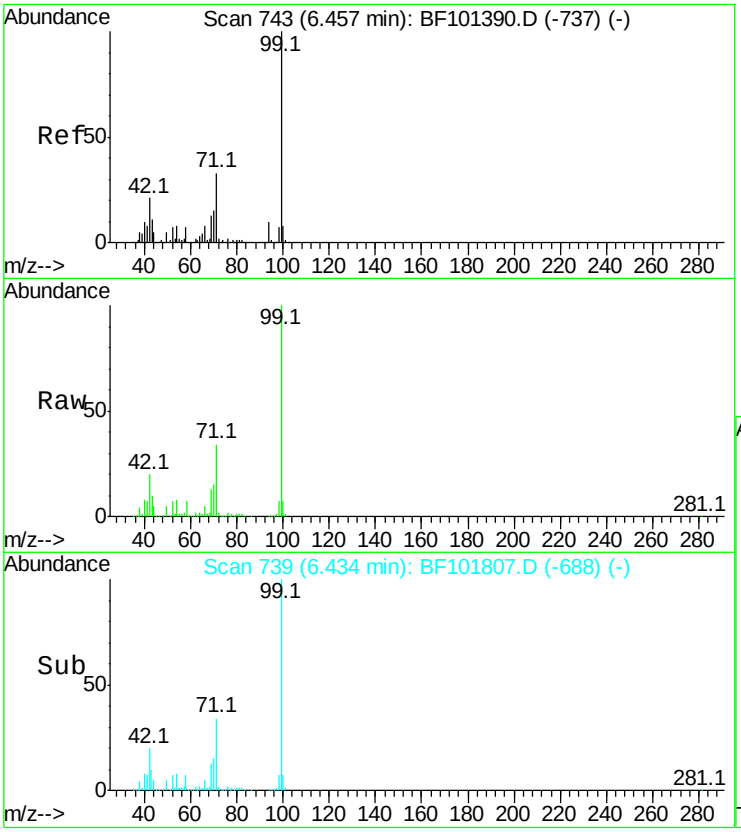


#5
2-Fluorophenol
Concen: 93.938 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:112 Resp: 982905

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	30.6	23.7	35.5



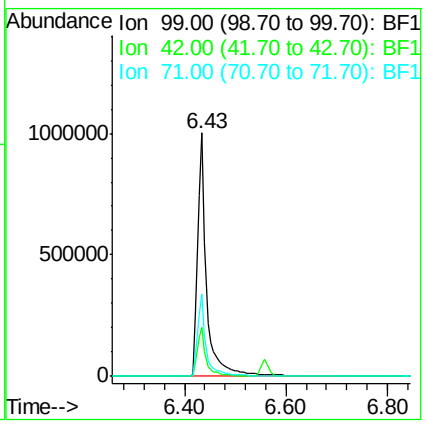


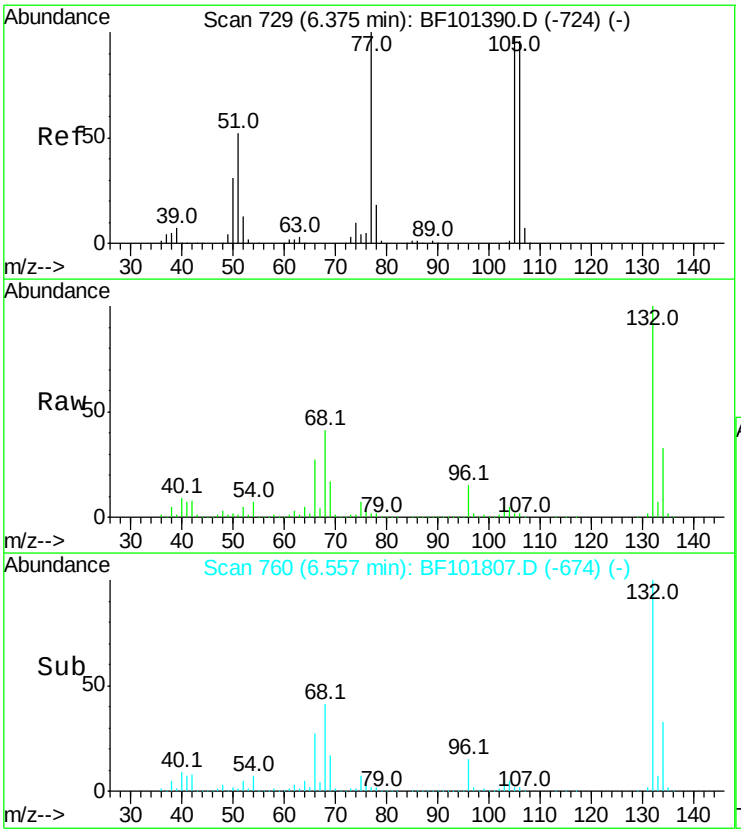
#7
Phenol-d6
Concen: 95.985 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1249911

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	33.6	25.4	38.0

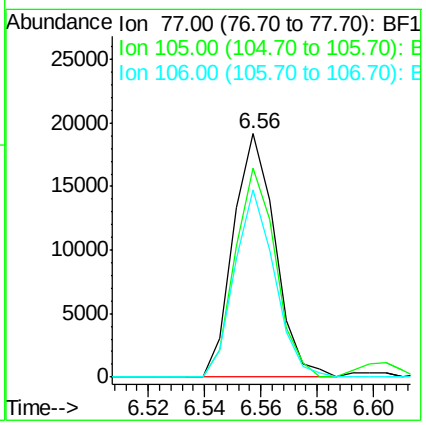


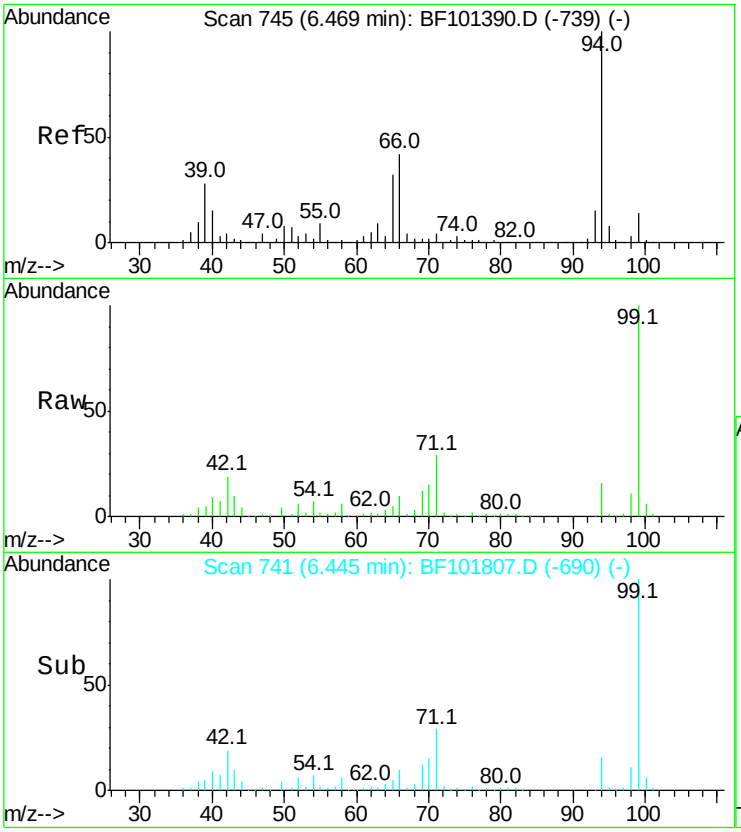


#9
Benzaldehyde
Concen: 2.042 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.21 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion: 77 Resp: 19641

Ion	Ratio	Lower	Upper
77	100		
105	86.1	81.1	121.1
106	76.7	74.5	114.5



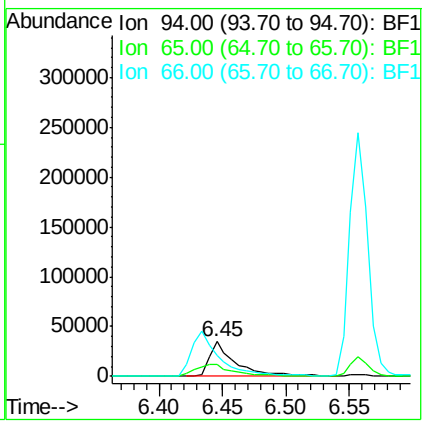


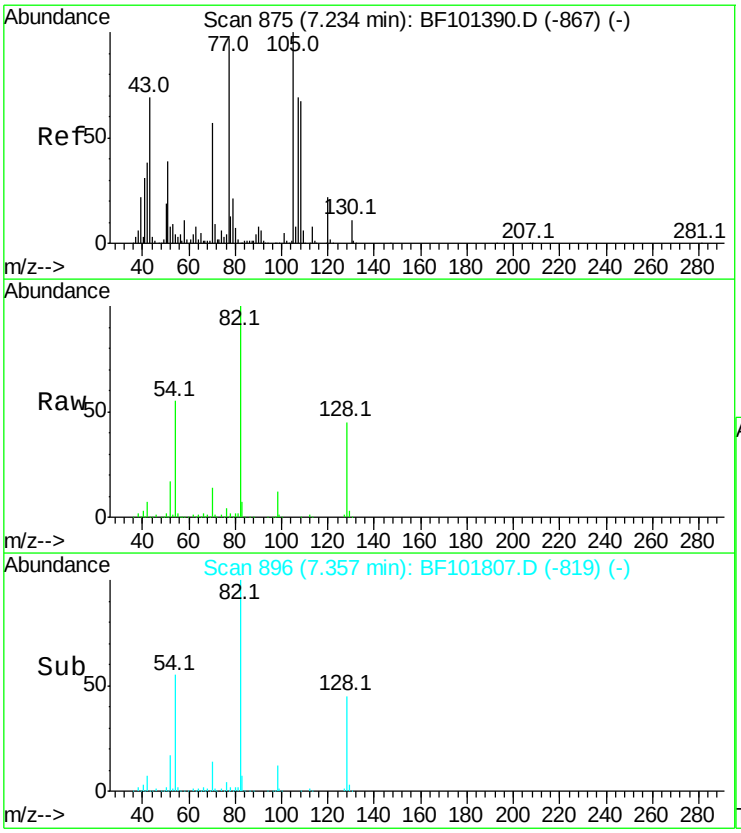
#10
Phenol
Concen: 3.456 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 51297

Ion	Ratio	Lower	Upper
94	100		
65	33.8	7.9	47.9
66	61.4	16.2	56.2#

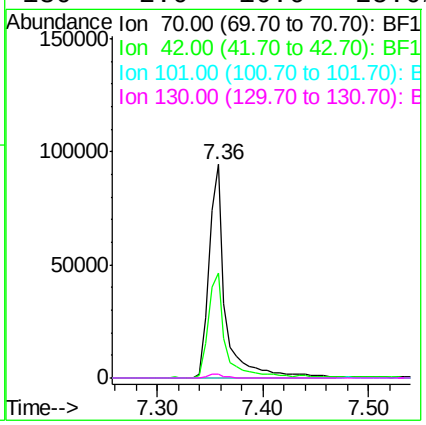


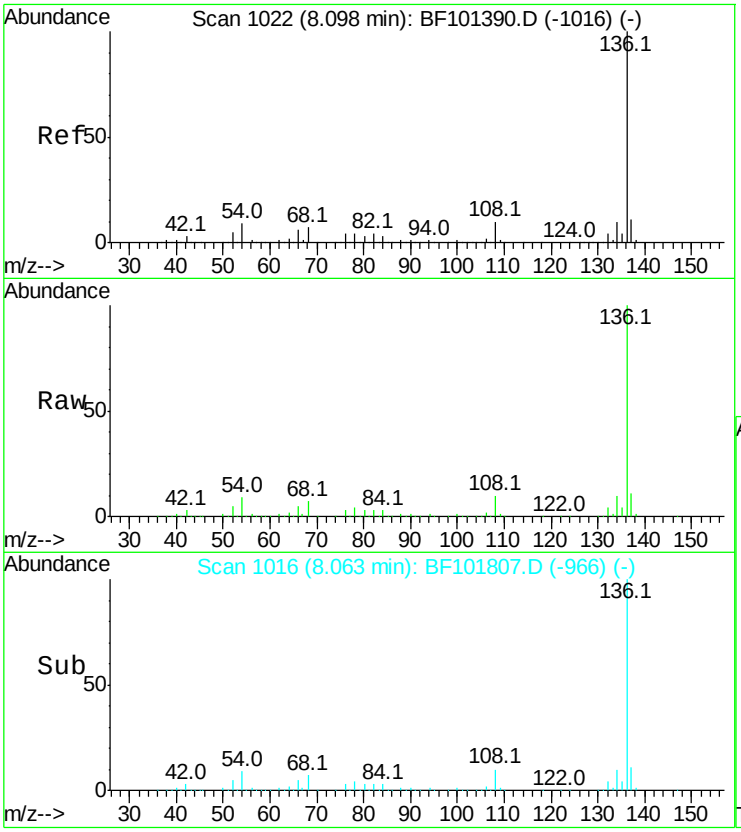


#19
n-Nitroso-di-n-propylamine
Concen: 11.973 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion: 70 Resp: 102390

Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



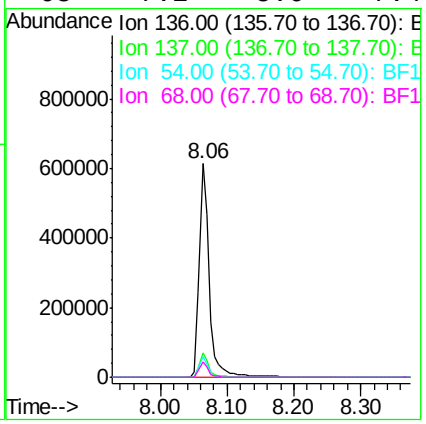


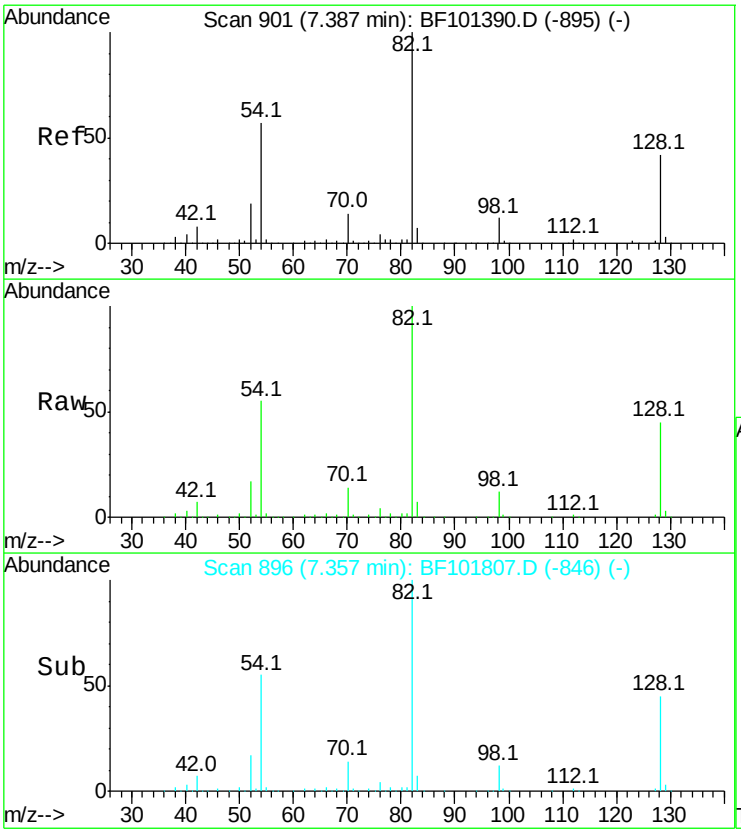
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 607625

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	6.6	9.8
68	7.2	5.0	7.4

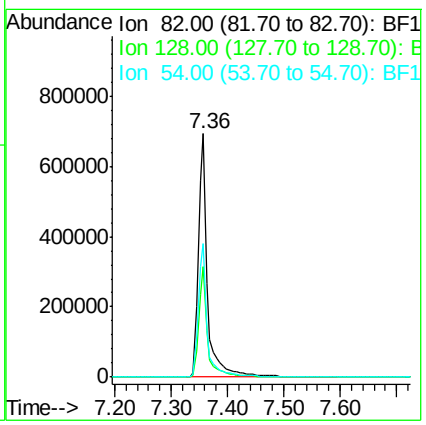


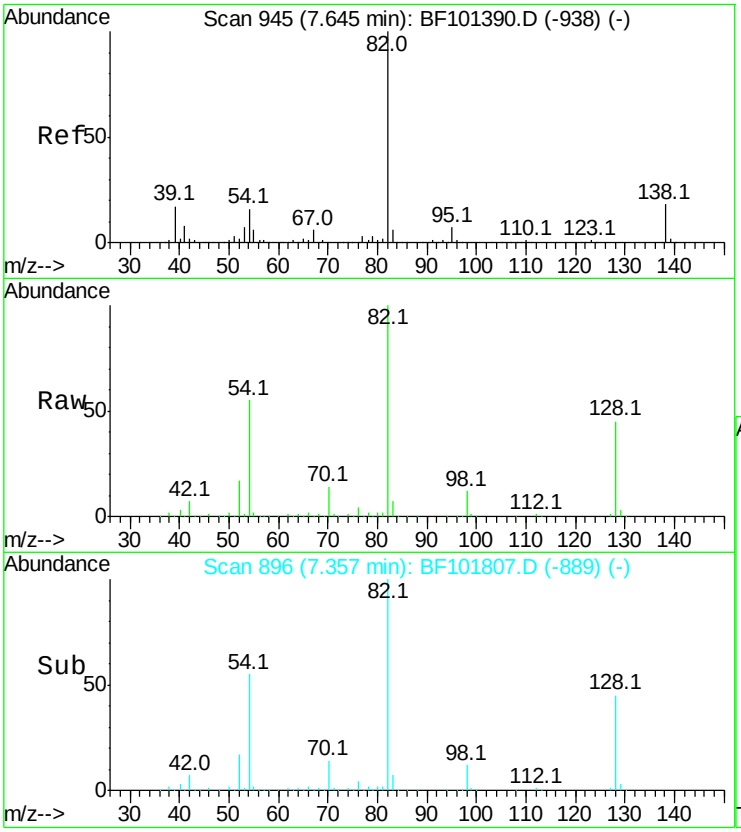


#23
Nitrobenzene-d5
Concen: 71.617 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion: 82 Resp: 781745

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	54.7	41.4	62.2



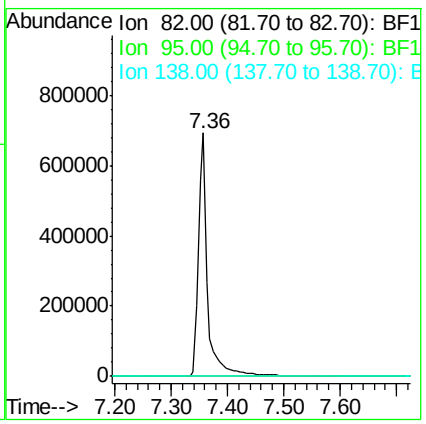


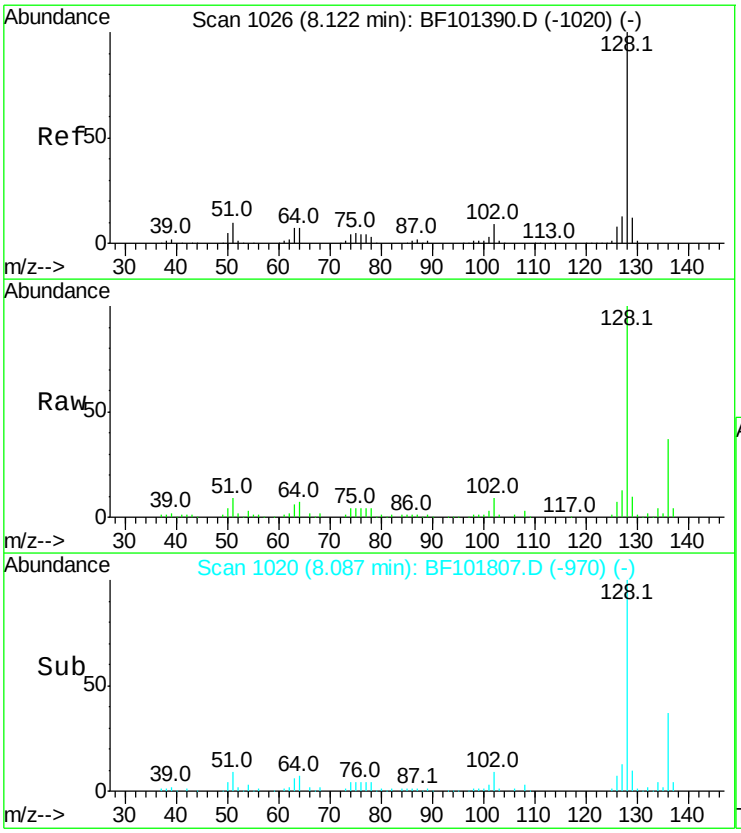
#25
Isophorone
Concen: 35.700 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 781745

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

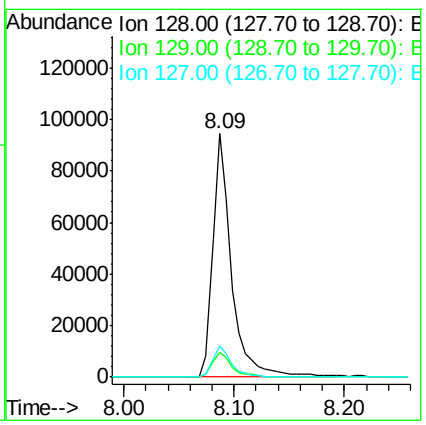


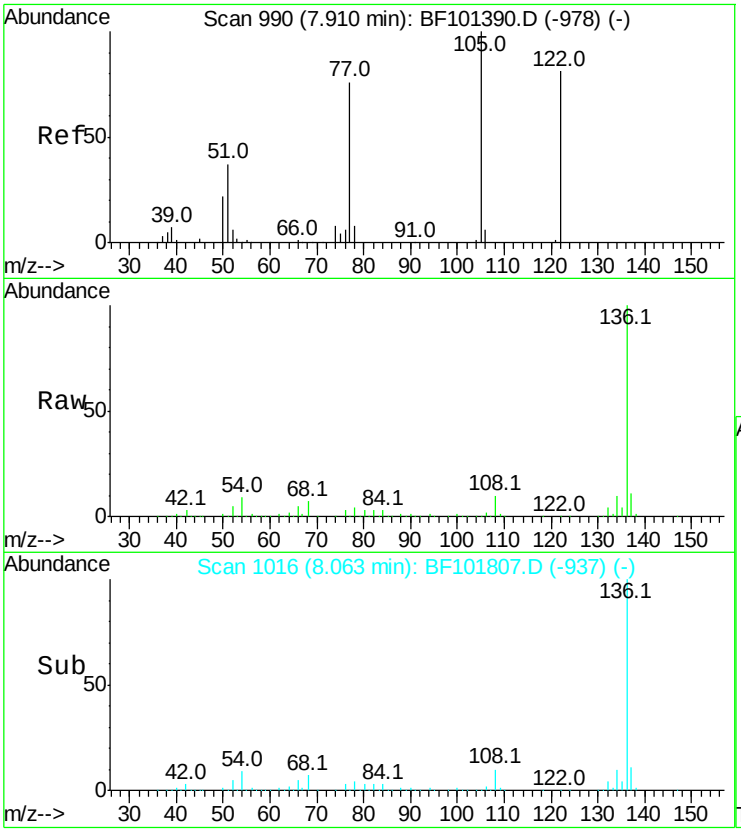


#31
Naphthalene
Concen: 3.597 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:128 Resp: 110039

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	12.8	10.9	16.3



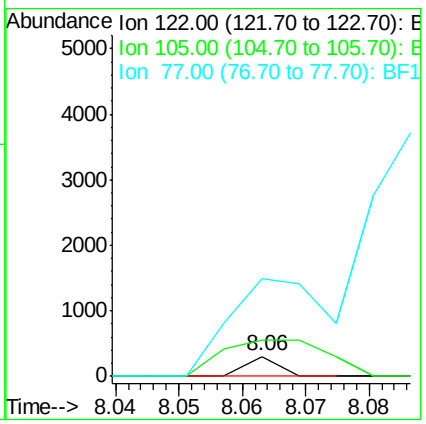


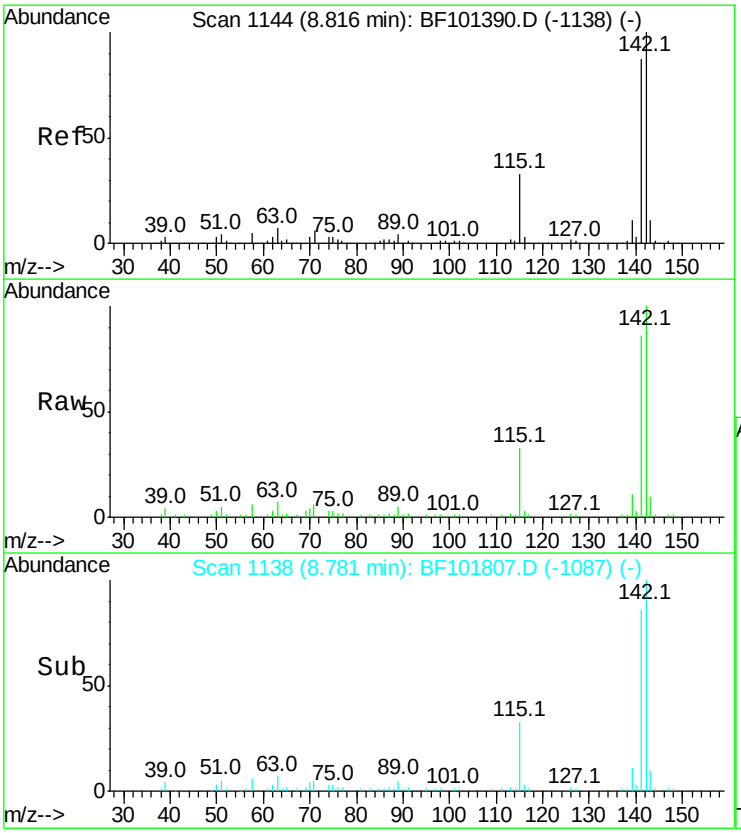
#32
Benzoic acid
Concen: 7.976 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.16 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 107

Ion	Ratio	Lower	Upper
122	100		
105	184.8	101.1	141.1#
77	493.4	70.7	110.7#

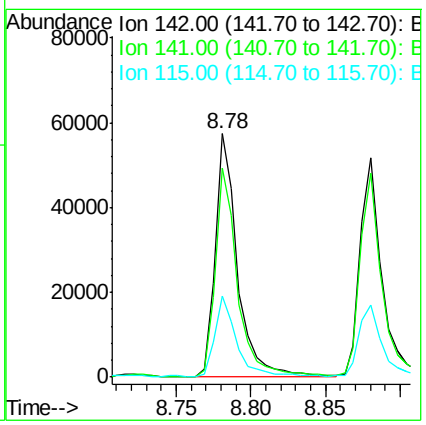


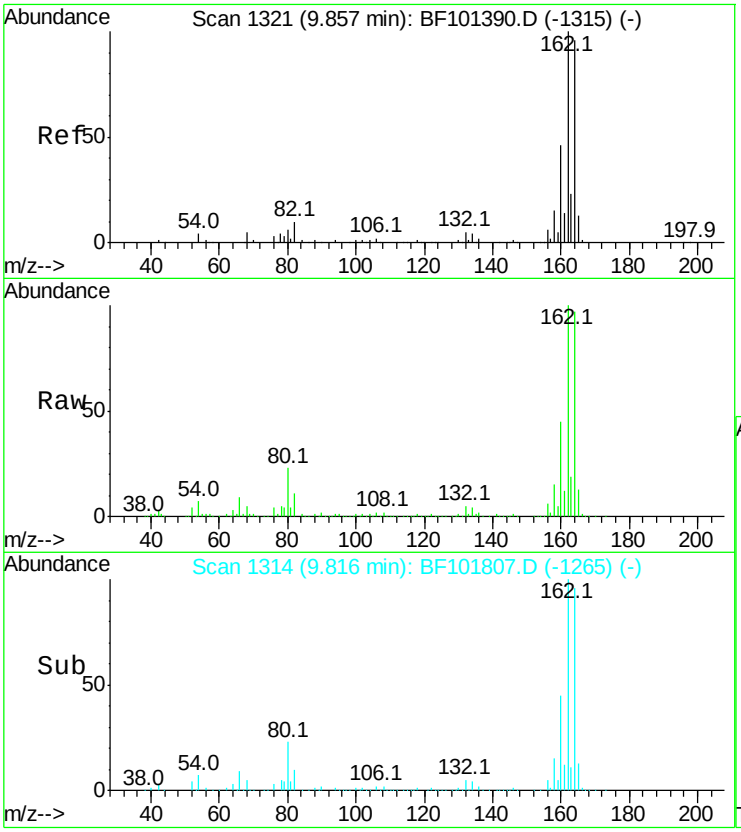


#37
2-Methylnaphthalene
Concen: 3.019 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:142 Resp: 60170

Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.8	106.2
115	33.2	26.1	39.1

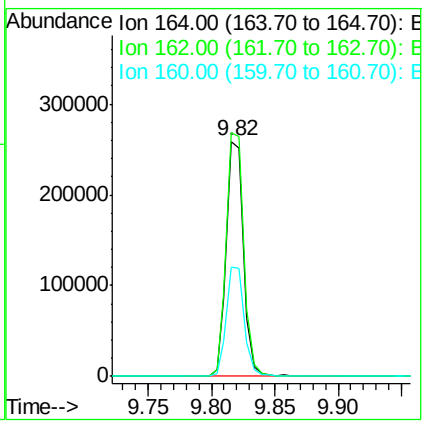




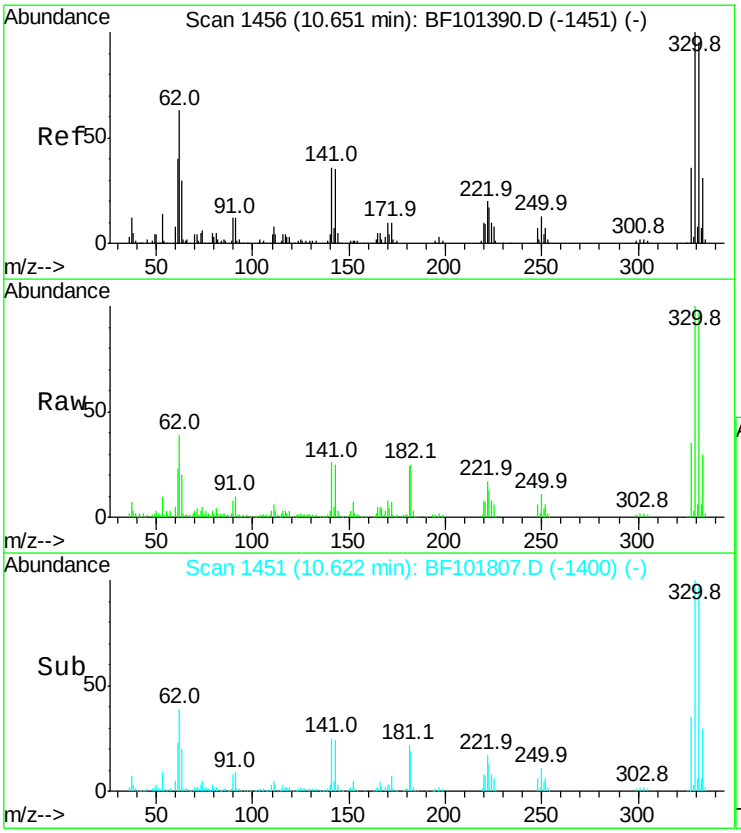
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:164 Resp: 243409

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.5	38.3	57.5



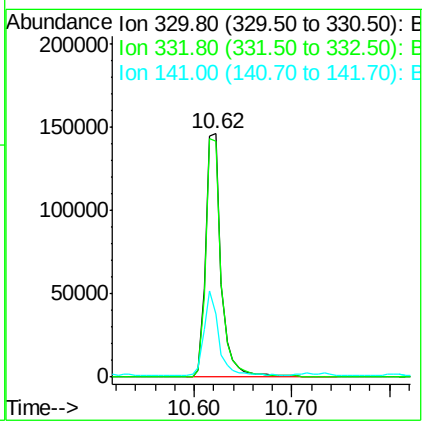
Instrument :
BNA_F
ClientSampleId :

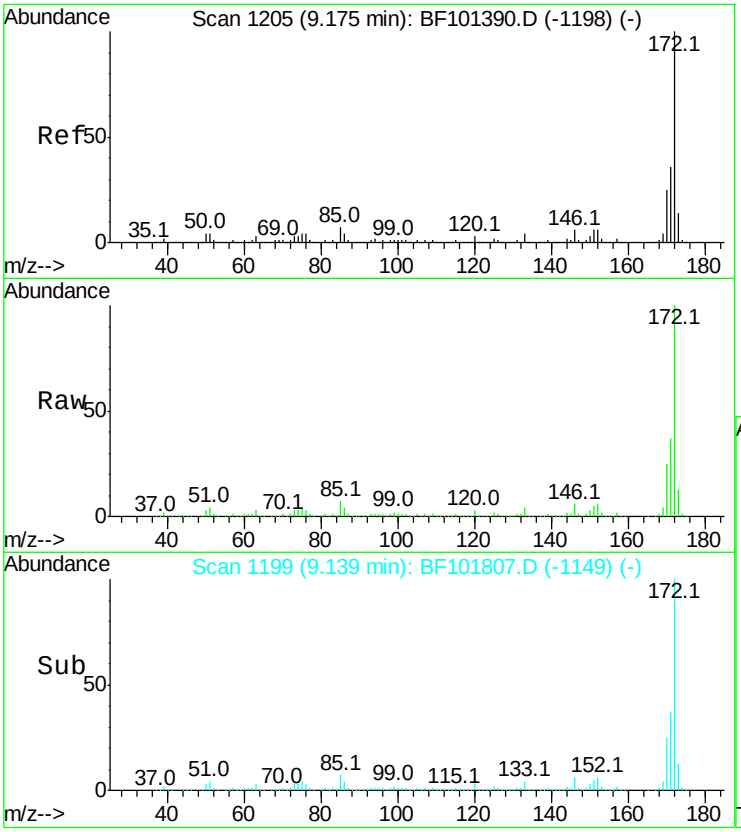


#41
2,4,6-Tribromophenol
Concen: 69.087 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:330 Resp: 162040

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	33.7	29.9	44.9



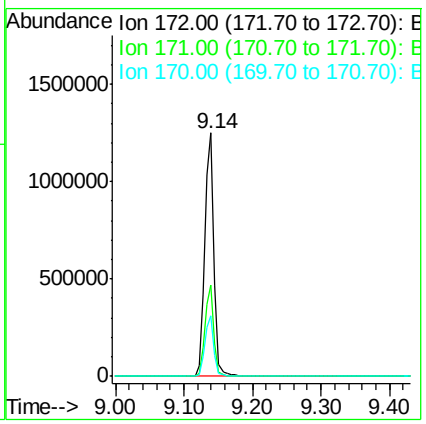


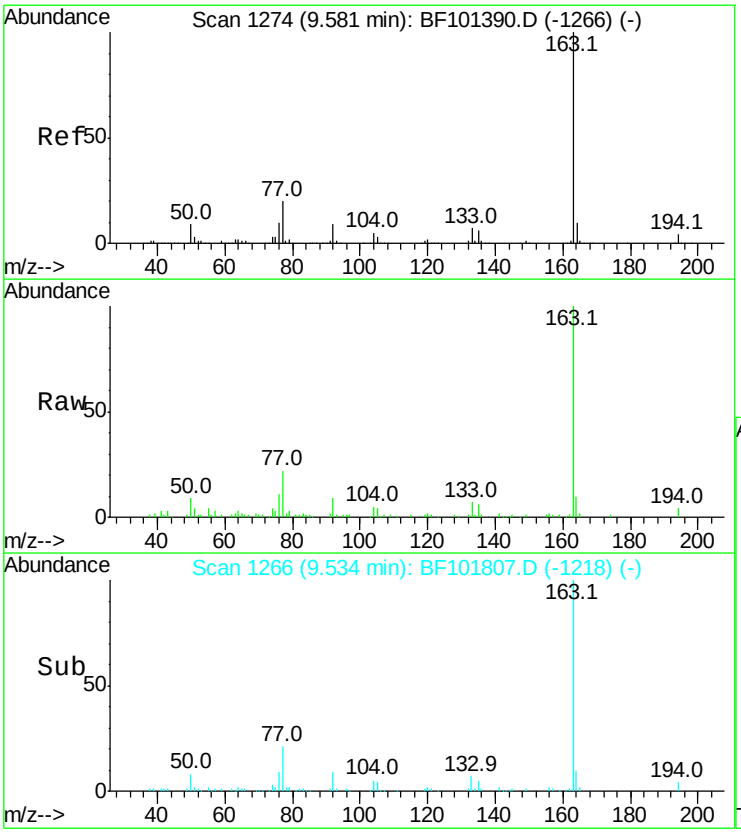
#44
2-Fluorobiphenyl
Concen: 75.915 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1191193

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.8	19.6	29.4

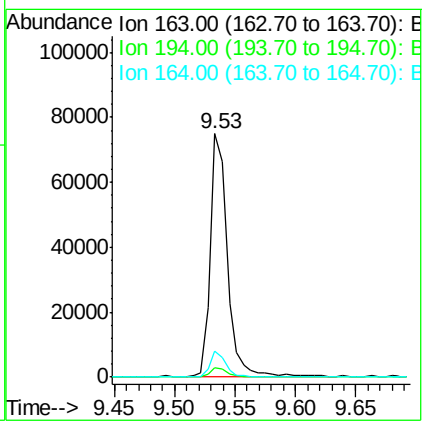


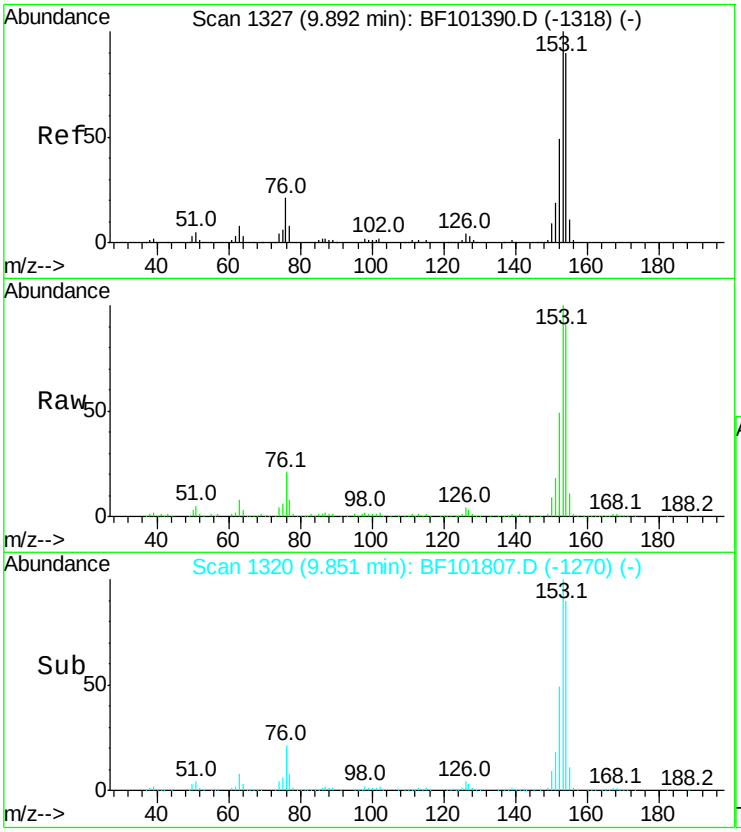


#49
Dimethylphthalate
Concen: 3.744 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:163 Resp: 73296

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.5	8.2	12.2



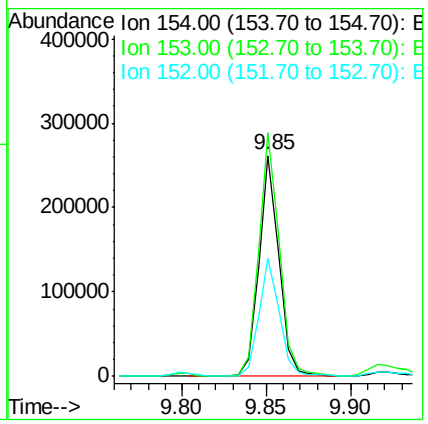


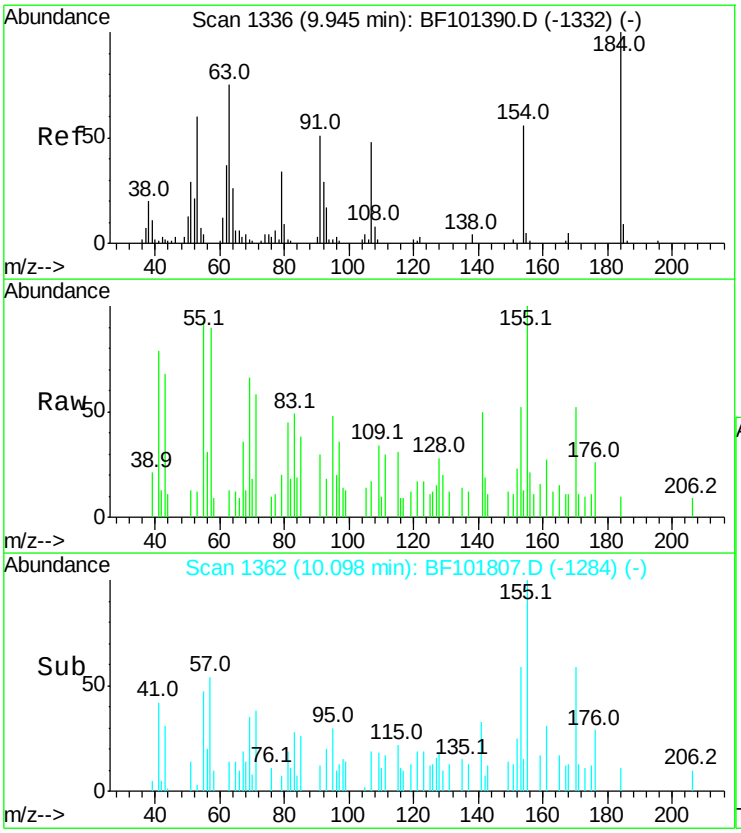
#51
Acenaphthene
Concen: 13.715 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 214969

Ion	Ratio	Lower	Upper
154	100		
153	110.3	91.2	136.8
152	53.7	43.8	65.8

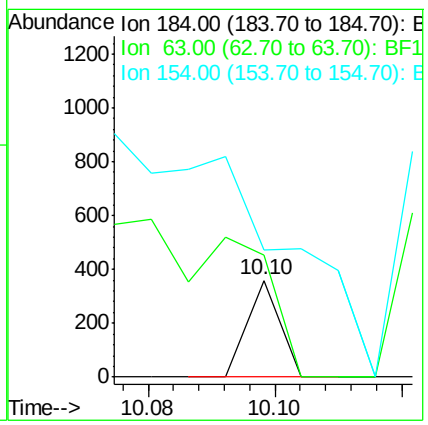


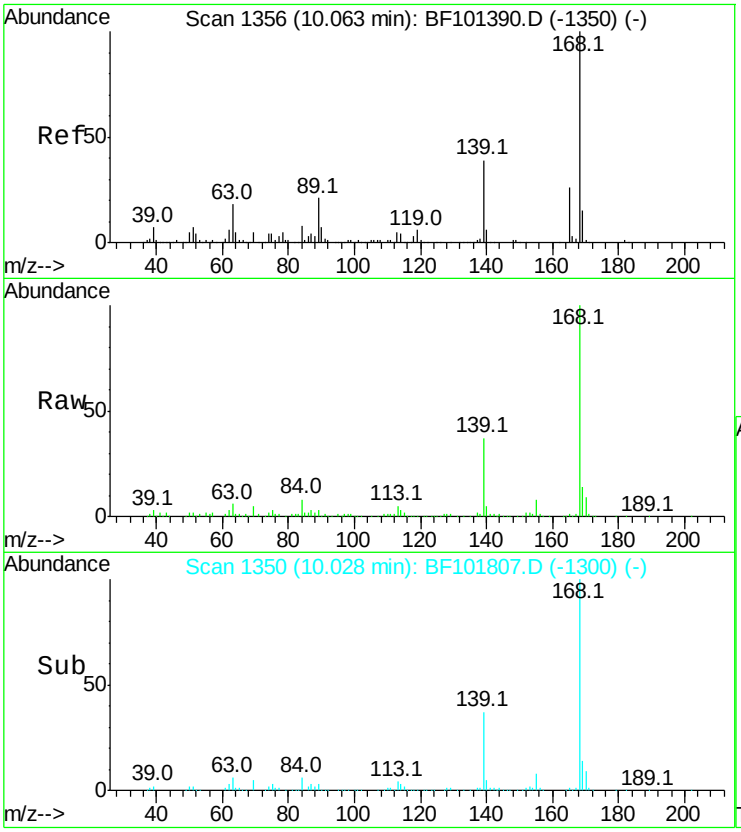


#53
2,4-Dinitrophenol
Concen: 10.400 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.16 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:184 Resp: 127

Ion	Ratio	Lower	Upper
184	100		
63	125.3	54.2	81.2#
154	131.7	184.0	276.0#



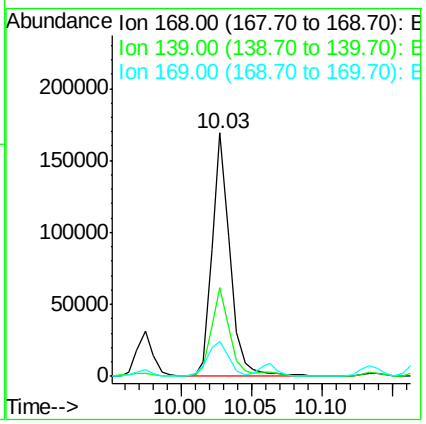


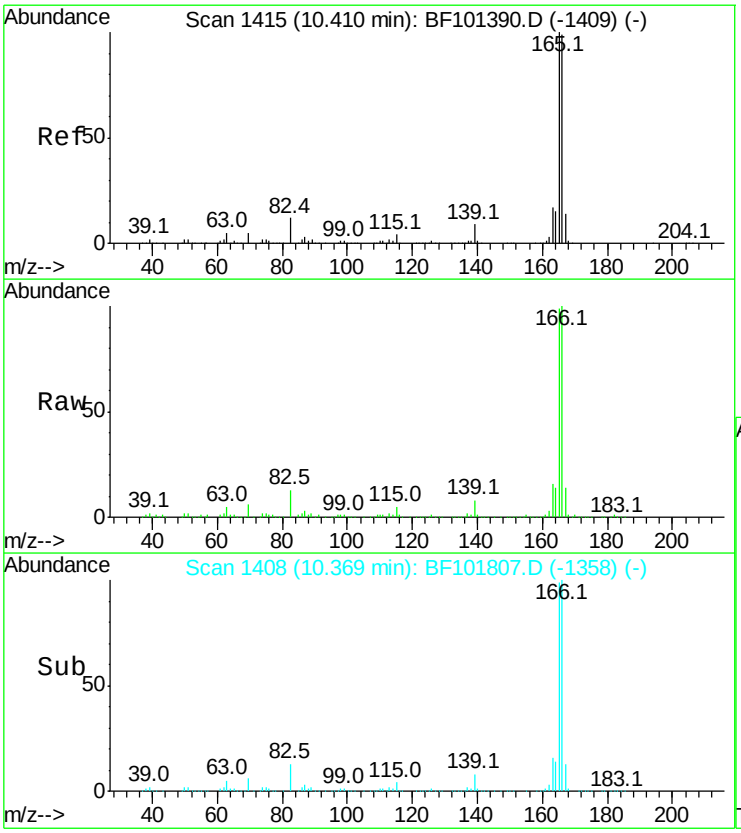
#54
Dibenzofuran
Concen: 7.475 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 148892

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.1	45.1
169	14.4	10.9	16.3

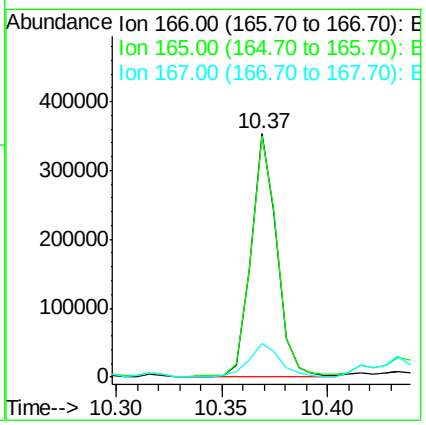


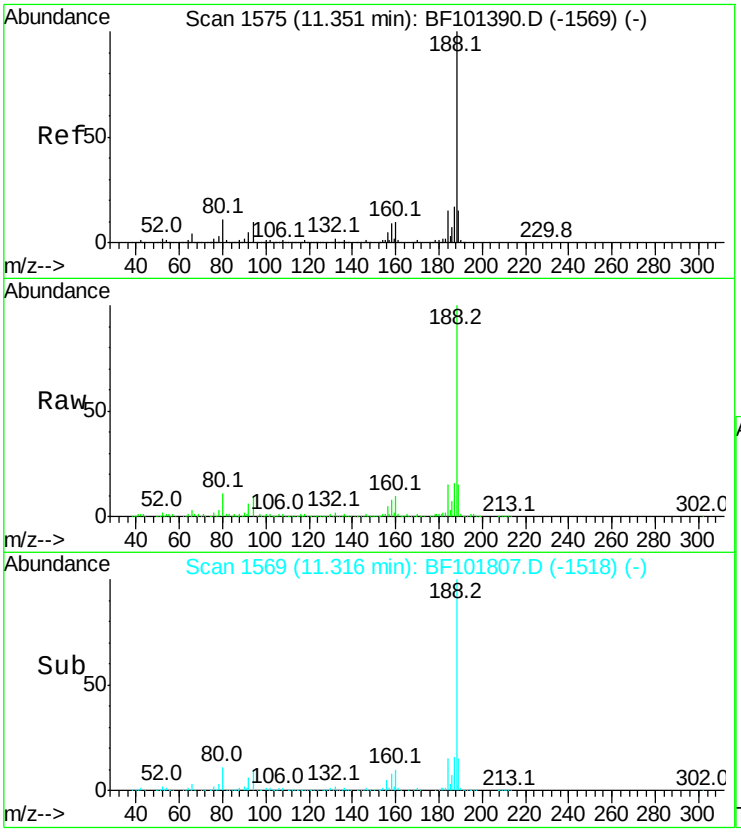


#57
Fluorene
Concen: 17.667 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:166 Resp: 297692

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.8	10.6	16.0



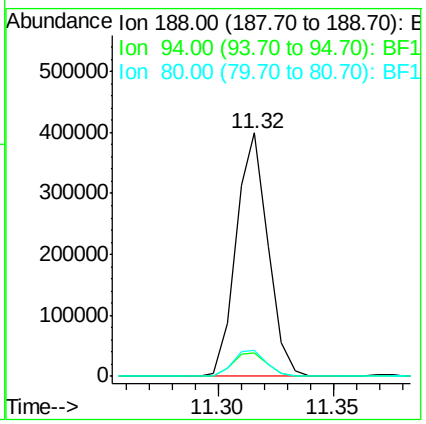


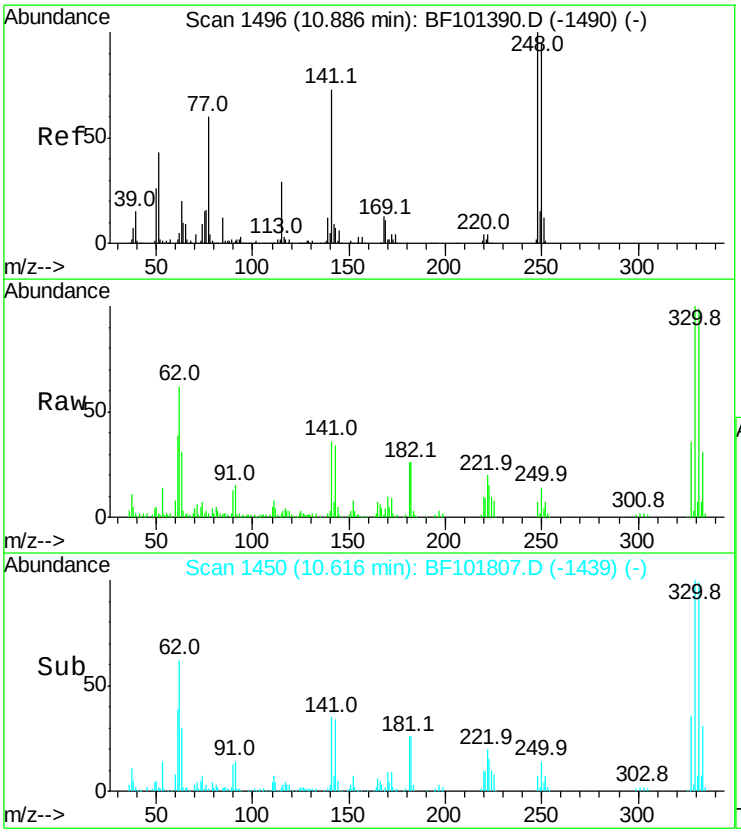
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 381840

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.9	9.2	13.8

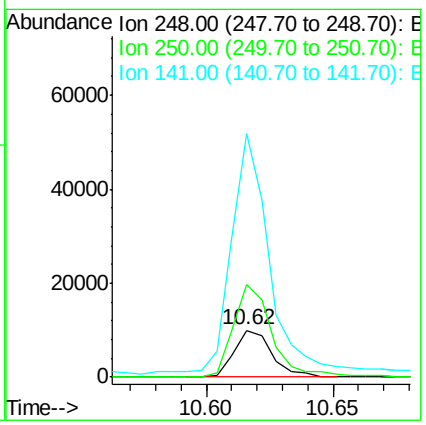


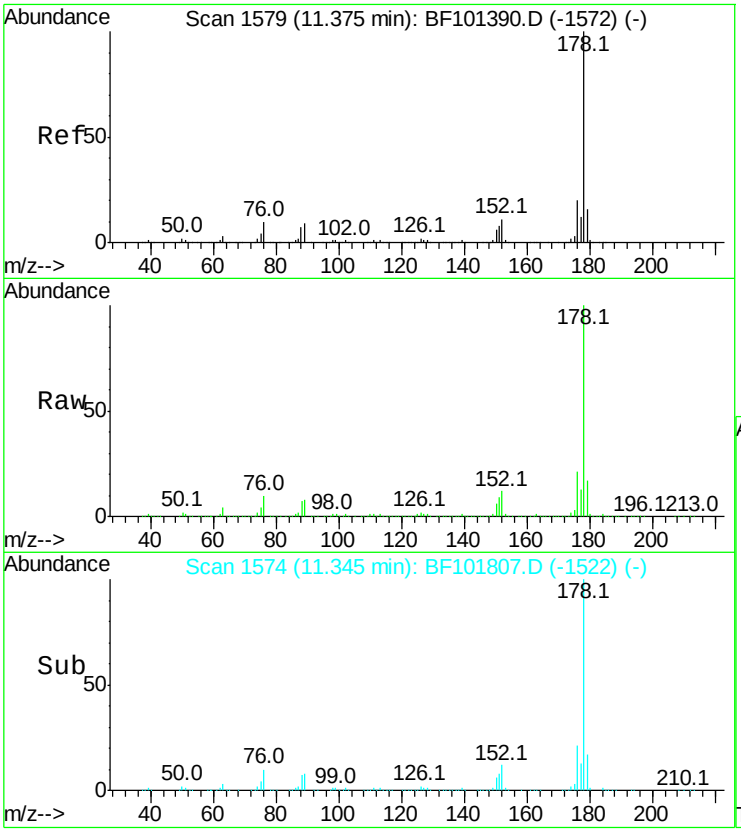


#66
4-Bromophenyl-phenylether
Concen: 2.410 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:248 Resp: 10341

Ion	Ratio	Lower	Upper
248	100		
250	197.1	76.9	115.3#
141	519.5	74.4	111.6#



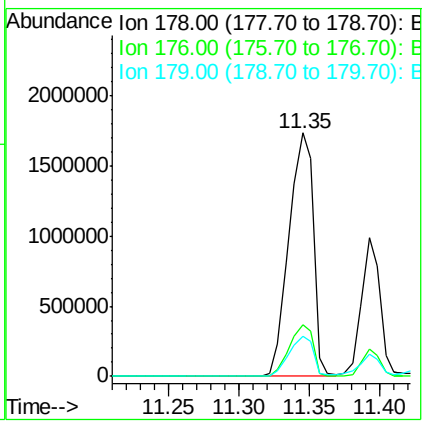


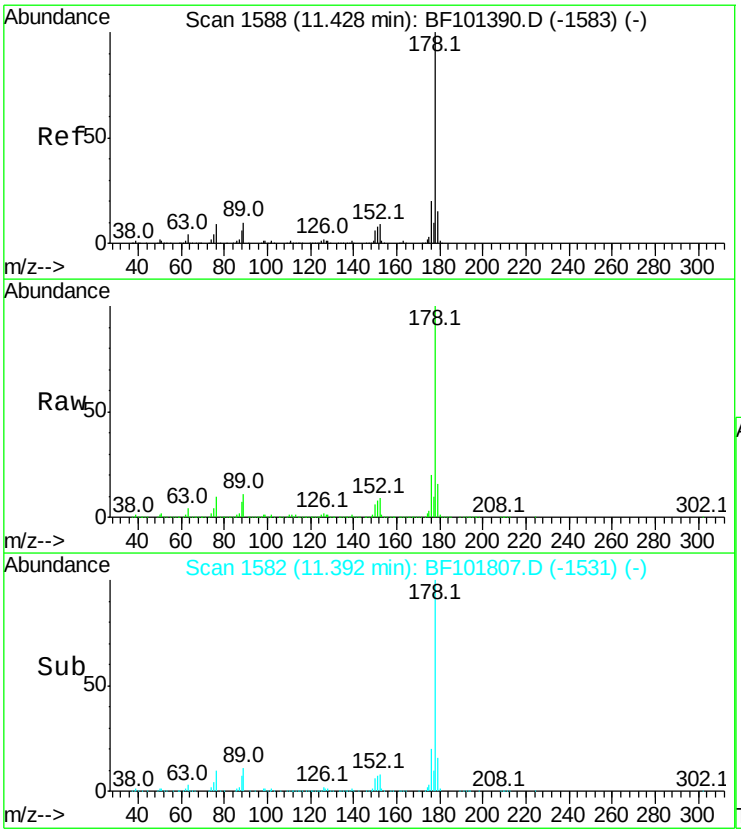
#70
Phenanthrene
Concen: 97.791 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2076564

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.8	23.8
179	16.7	13.0	19.6

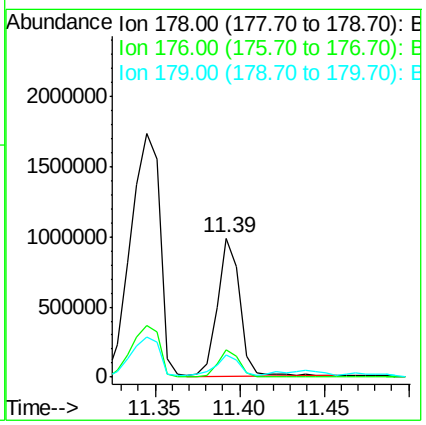


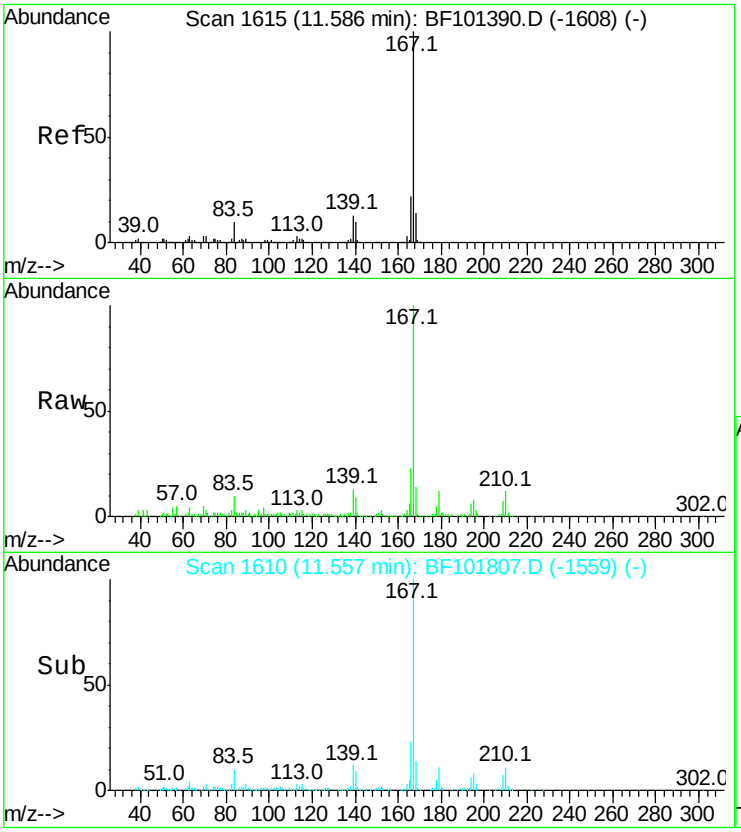


#71
Anthracene
Concen: 42.178 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:178 Resp: 914861

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.0	12.6	19.0



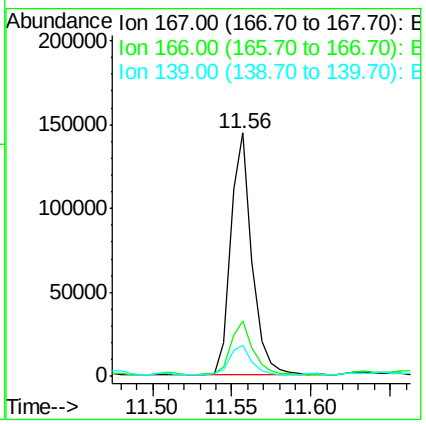


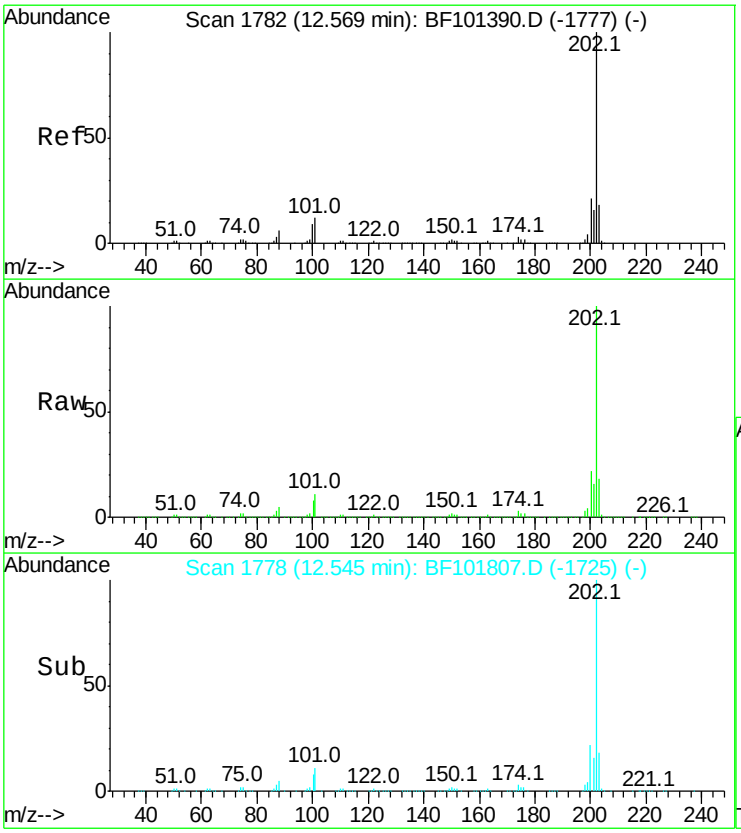
#72
Carbazole
Concen: 6.584 ng
RT: 11.56 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 133714

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	12.7	10.9	16.3

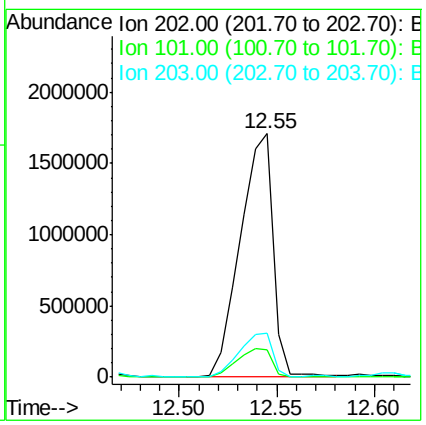


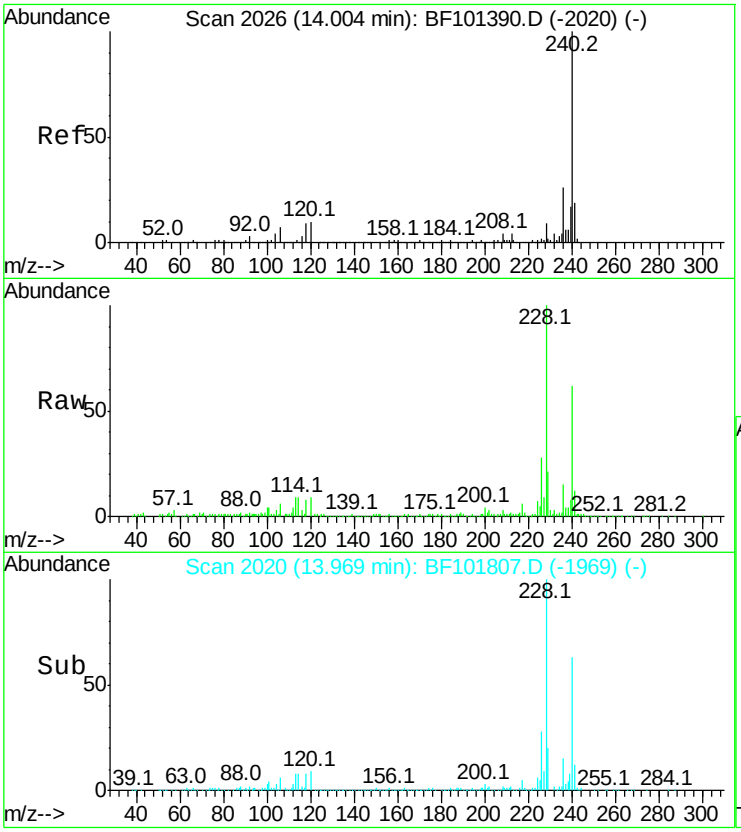


#74
Fluoranthene
Concen: 89.187 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:202 Resp: 1987863

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.9	0.0	38.1



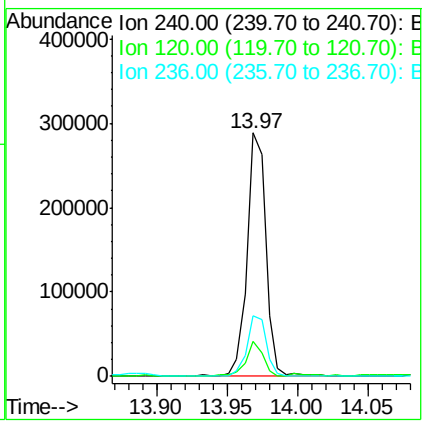


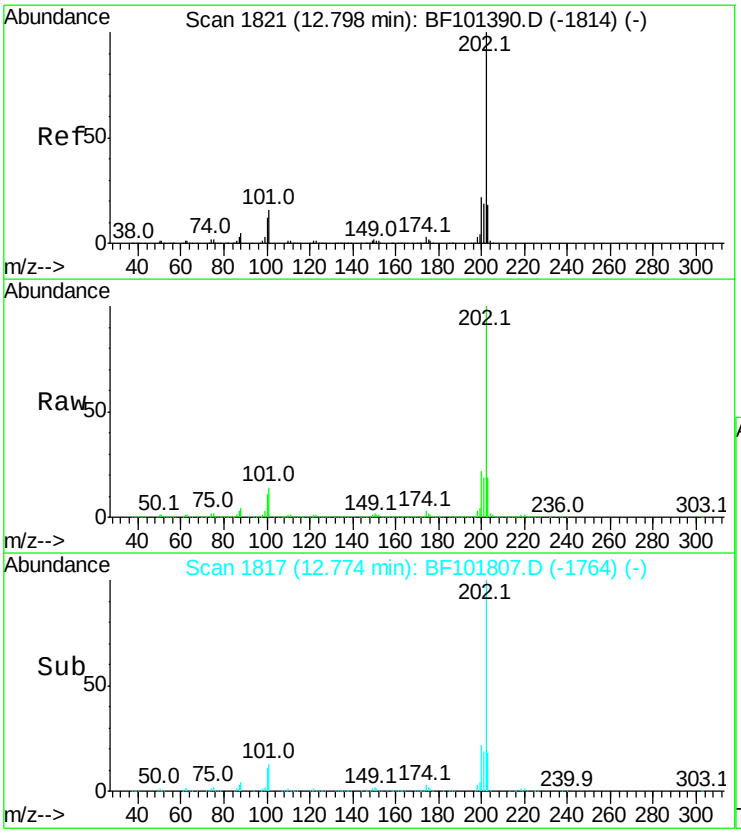
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 268835

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	24.8	20.7	31.1

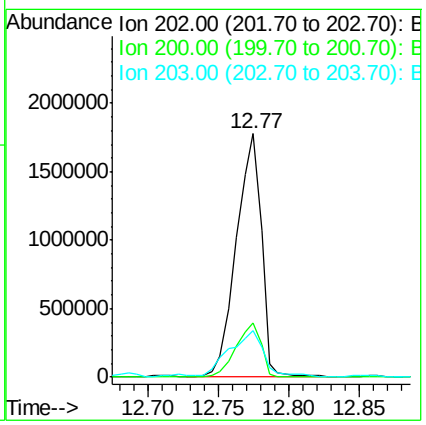


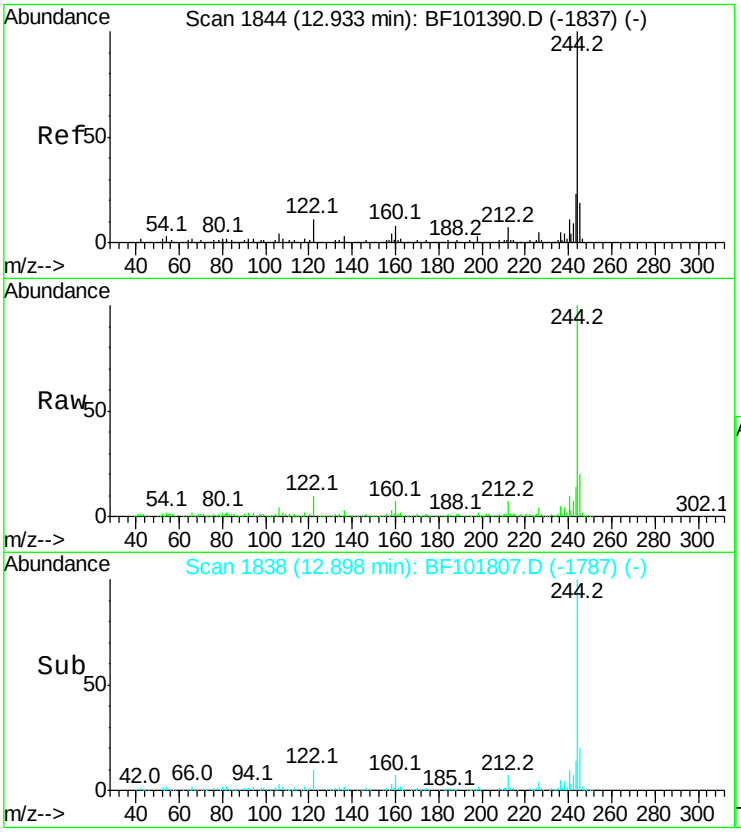


#77
Pyrene
Concen: 108.537 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:202 Resp: 2189849

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	19.0	14.3	21.5



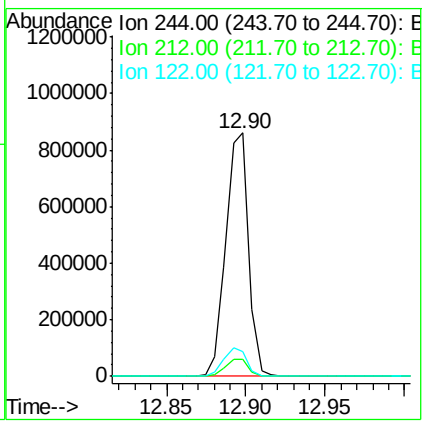


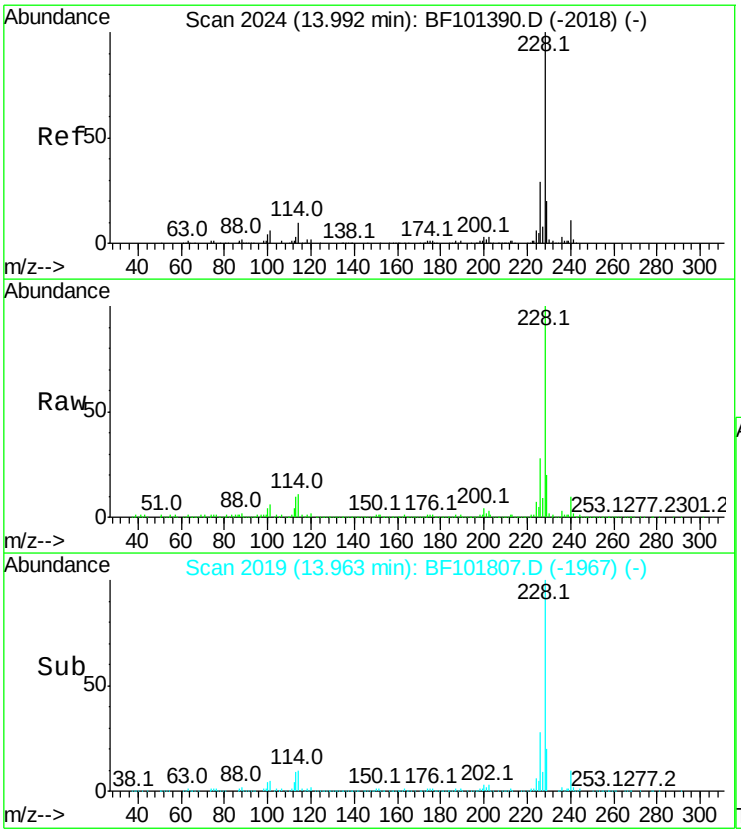
#78
Terphenyl-d14
Concen: 76.300 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 850850

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.4	11.0	16.4#

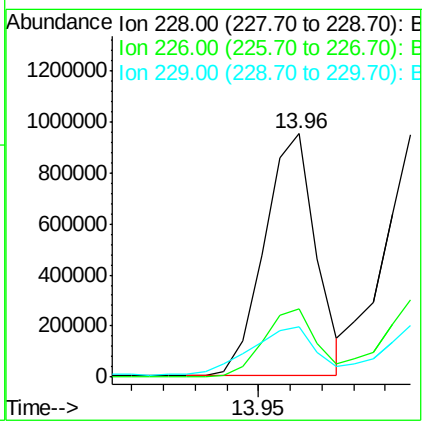


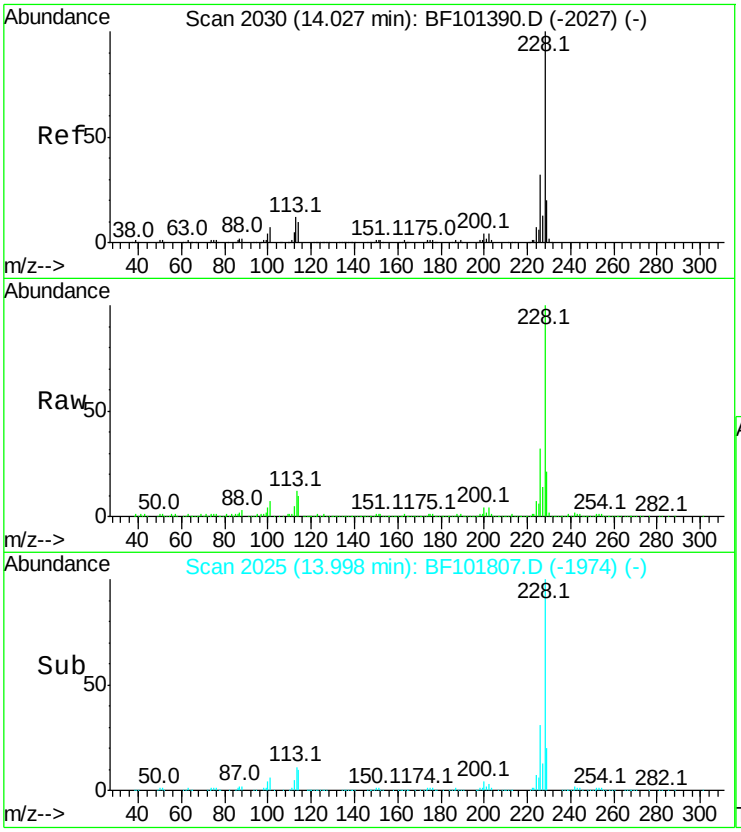


#80
Benzo(a)anthracene
Concen: 60.380 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:228 Resp: 1071848

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.5	15.8	23.6



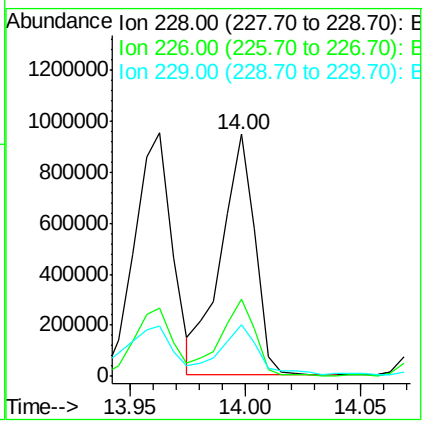


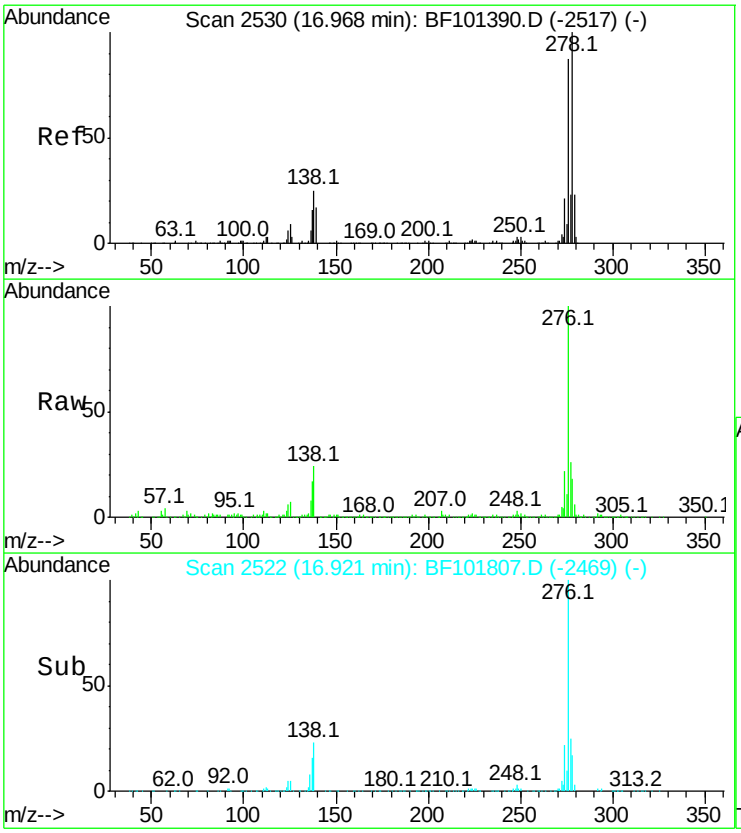
#82
Chrysene
Concen: 57.944 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 971191

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	21.5	16.2	24.4

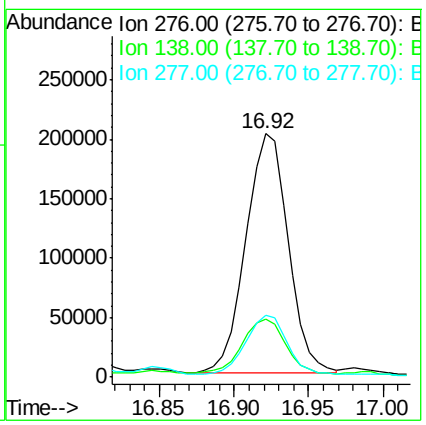


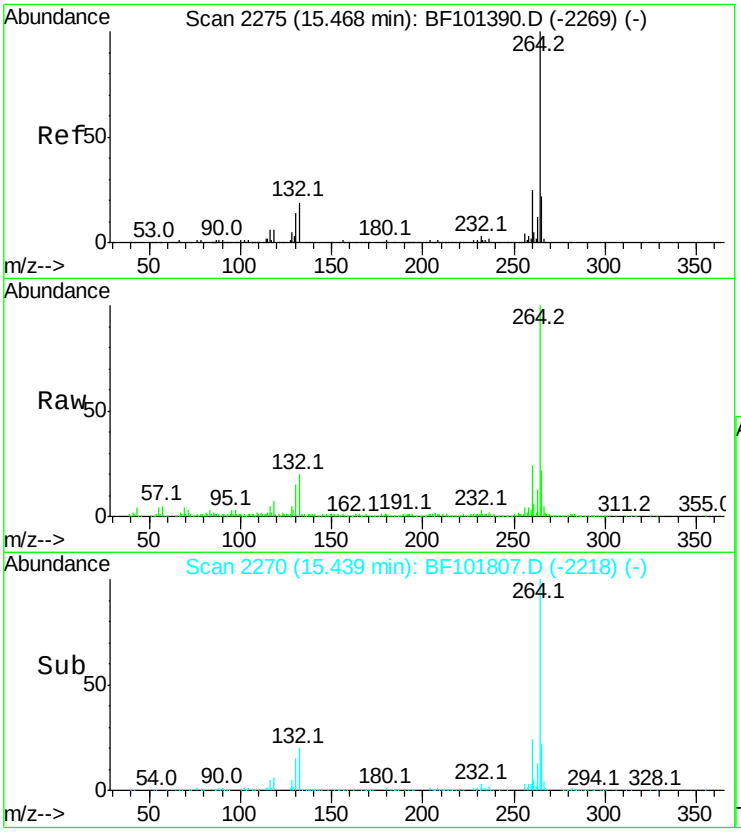


#85
Indeno(1,2,3-cd)pyrene
Concen: 26.612 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:276 Resp: 397202

Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	23.6	20.1	30.1



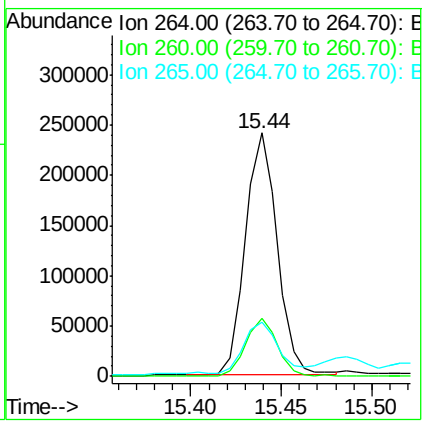


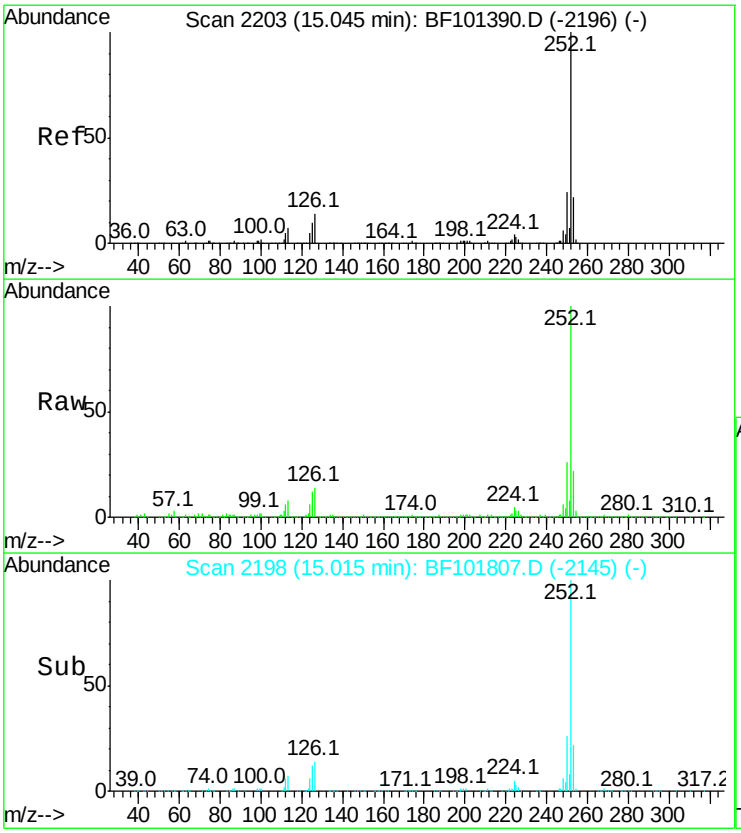
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 295636

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3

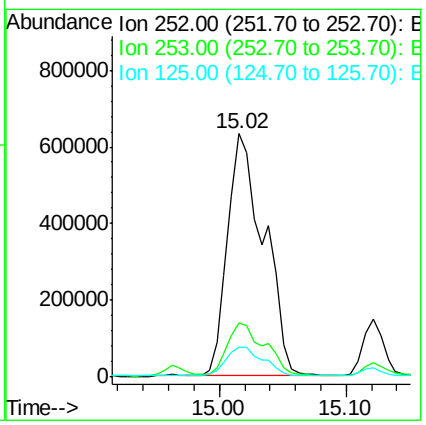


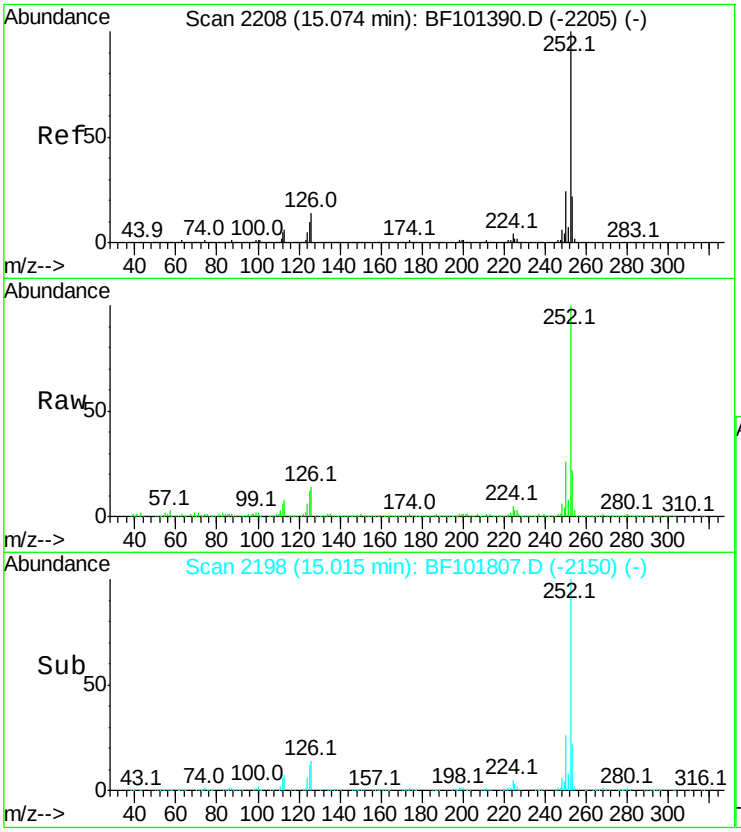


#87
Benzo(b)fluoranthene
Concen: 69.859 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:252 Resp: 1258835

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	12.3	9.0	13.6



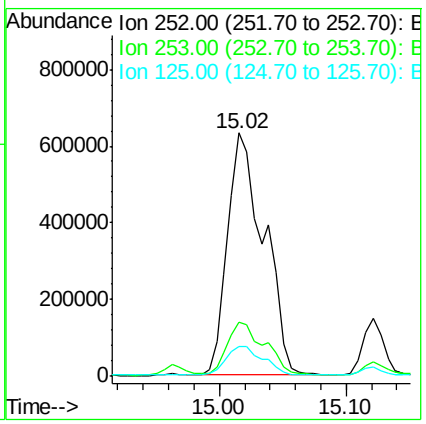


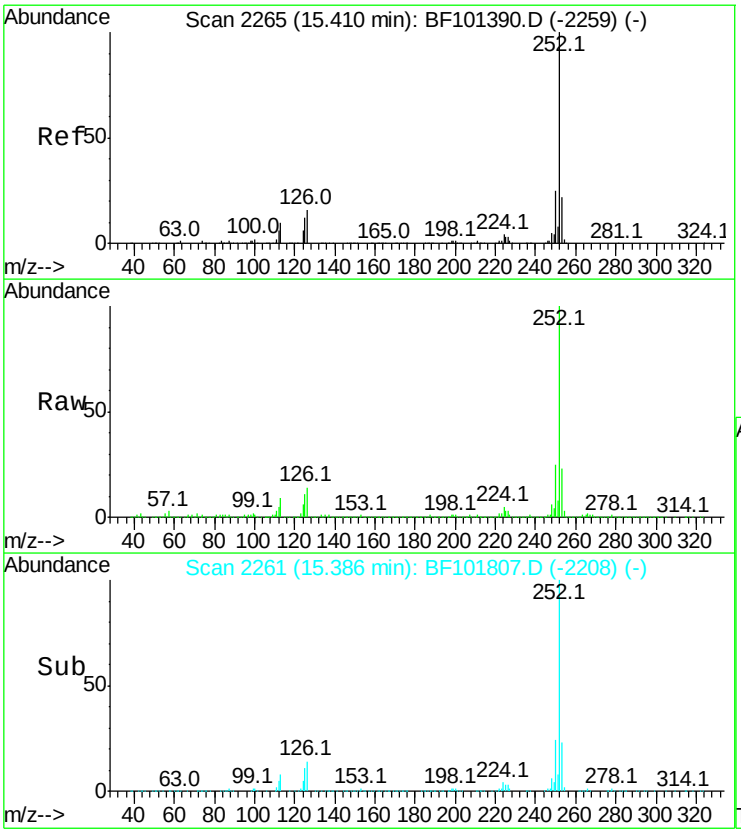
#88
Benzo(k)fluoranthene
Concen: 71.851 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1258835

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.3	10.2	15.2

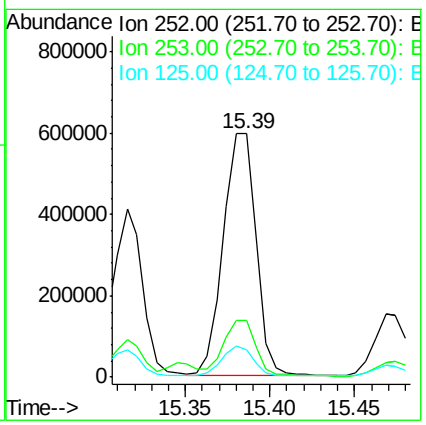


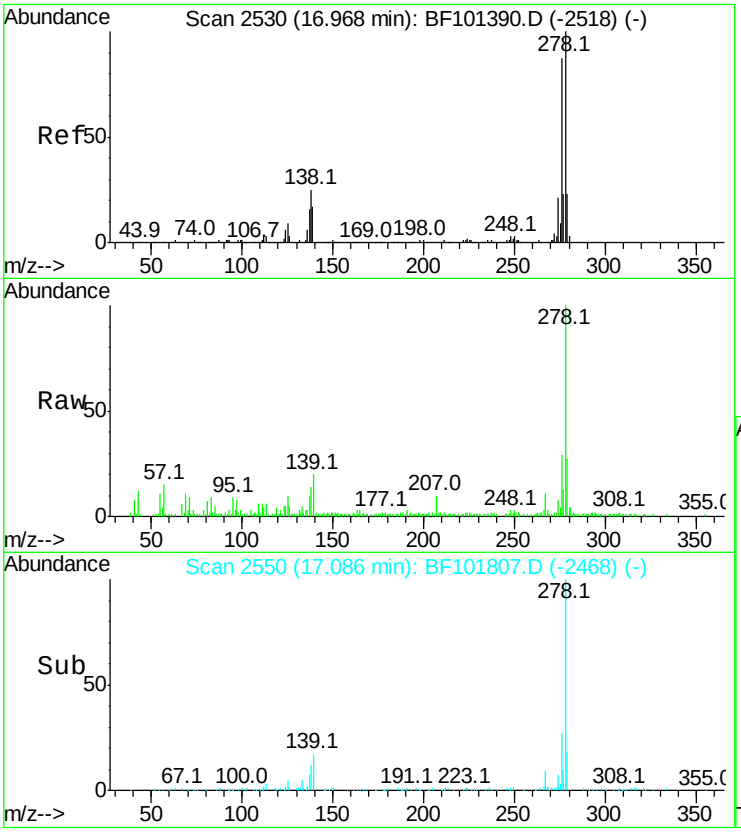


#89
Benzo(a)pyrene
Concen: 48.812 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:252 Resp: 810844

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	11.3	9.8	14.6



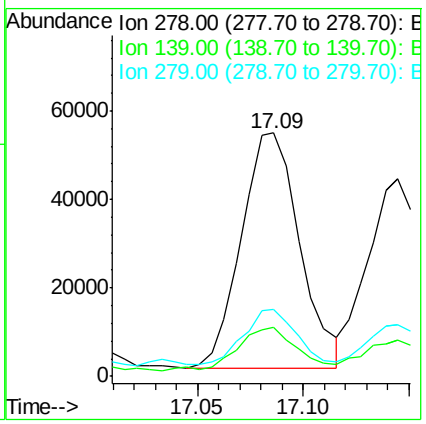


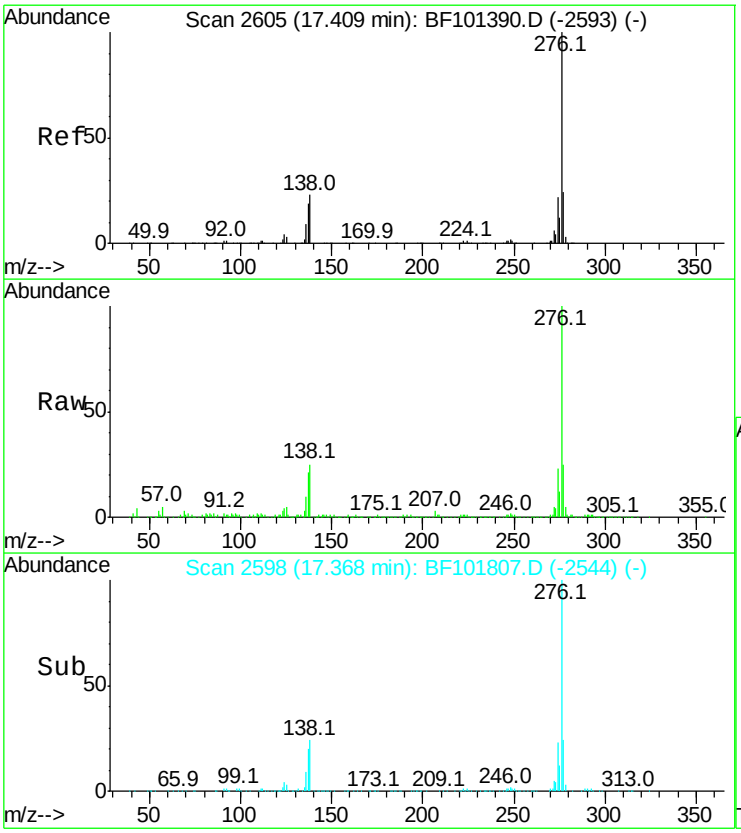
#90
Dibenzo(a,h)anthracene
Concen: 7.196 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.18 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 102638

Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.9	23.9
279	27.4	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 27.957 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.02 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:276 Resp: 394834

Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	24.7	21.8	32.8