Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107709.D
Acq On : 26 Jul 2018 19:32
Operator : JU/SJ
Sample : J4095-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CON-SB-104-05-06-07-0-11

Quant Time: Jul 27 01:13:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	173321	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	699696	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	330688	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	654273	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	398902	20.00	ng		-0.02
86) Perylene-d12	15.68	264	454878	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	844919	78.38	ng		-0.01
7) Phenol-d6	6.60	99	1044398	80.69	ng		-0.02
23) Nitrobenzene-d5	7.52	82	685437	66.11	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	346929	92.26	ng		-0.02
44) 2-Fluorobiphenyl	9.31	172	1298215	62.31	ng		-0.02
78) Terphenyl-d14	13.08	244	1084795	69.62	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	1777	Below Cal		#	1
10) Phenol	6.61	94	33912	2.228	ng	#	13
19) n-Nitroso-di-n-propylamine	7.52	70	86622	10.359	ng	#	78
25) Isophorone	7.52	82	685437	30.963	ng	#	64
49) Dimethylphthalate	9.71	163	121113	4.860	ng		99
56) 2,4-Dinitrotoluene	10.00	165	41687	6.979	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	582	8.832	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	20487	2.660	ng	#	1
70) Phenanthrene	11.52	178	106454	3.339	ng		99
71) Anthracene	11.52	178	106454	3.316	ng		99
73) Di-n-butylphthalate	12.04	149	6662	Below Cal		#	91
74) Fluoranthene	12.71	202	168276	4.919	ng		95
77) Pyrene	12.94	202	144676	5.302	ng		97
80) Benzo(a)anthracene	14.14	228	60103	2.571	ng		94
81) 3,3'-Dichlorobenzidine	14.08	252	258	Below Cal		#	1
82) Chrysene	14.17	228	56514	2.517	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	38979	2.048	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	109063	4.381	ng	#	89
88) Benzo(k)fluoranthene	15.22	252	109431	4.487	ng	#	92
89) Benzo(a)pyrene	15.61	252	62380	2.739	ng	#	93
91) Benzo(g,h,i)perylene	17.72	276	40622	2.092	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CON-SB-104-05-06-07-0-11

Quant Time: Jul 27 01:13:32 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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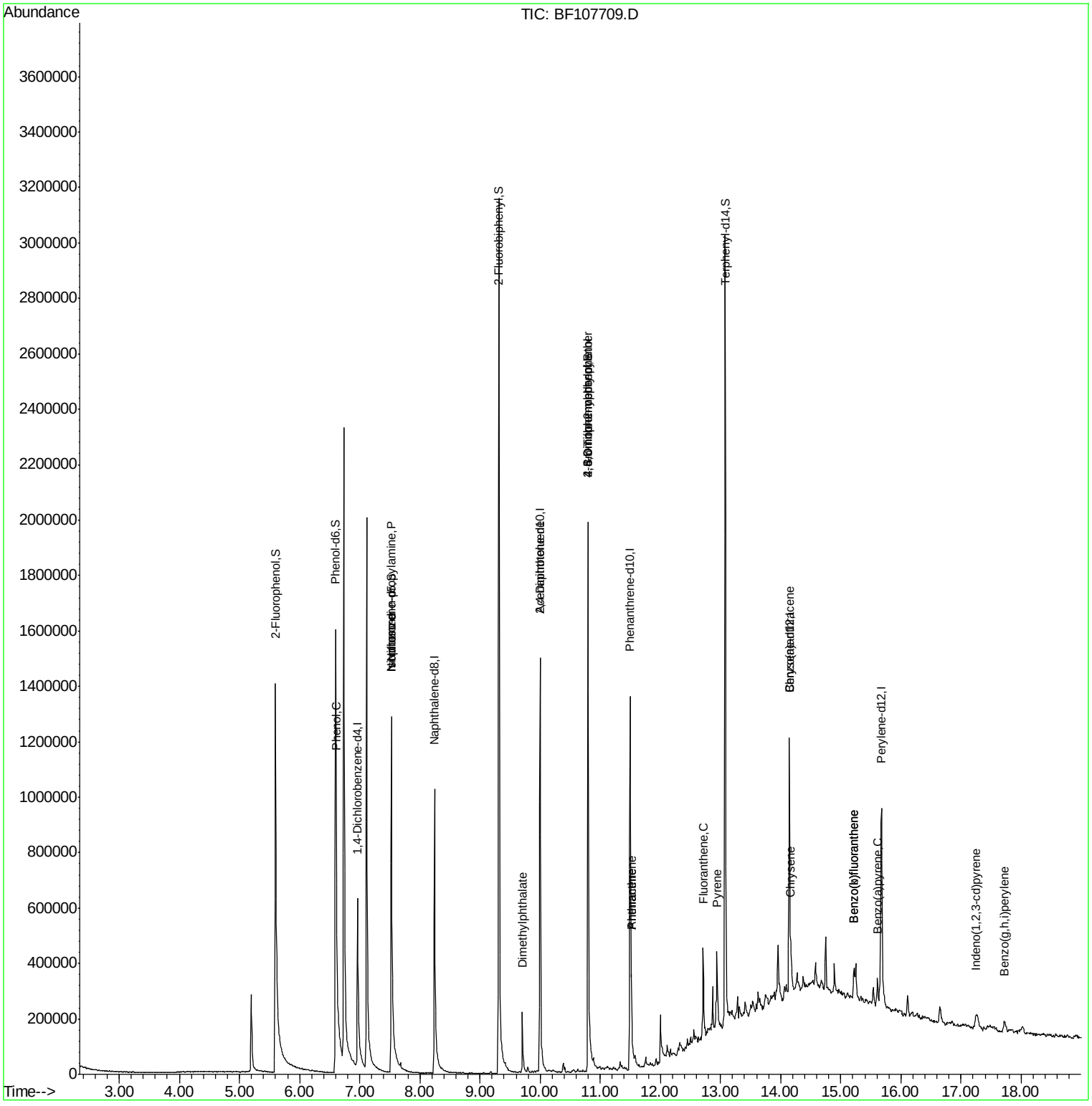
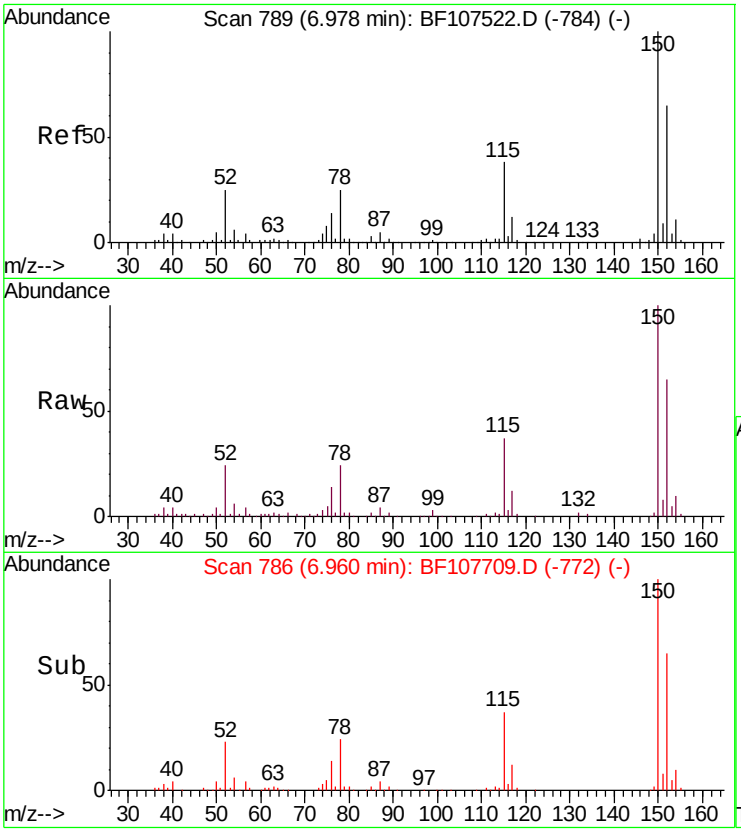


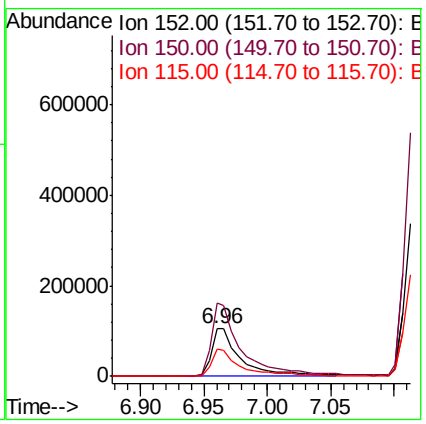


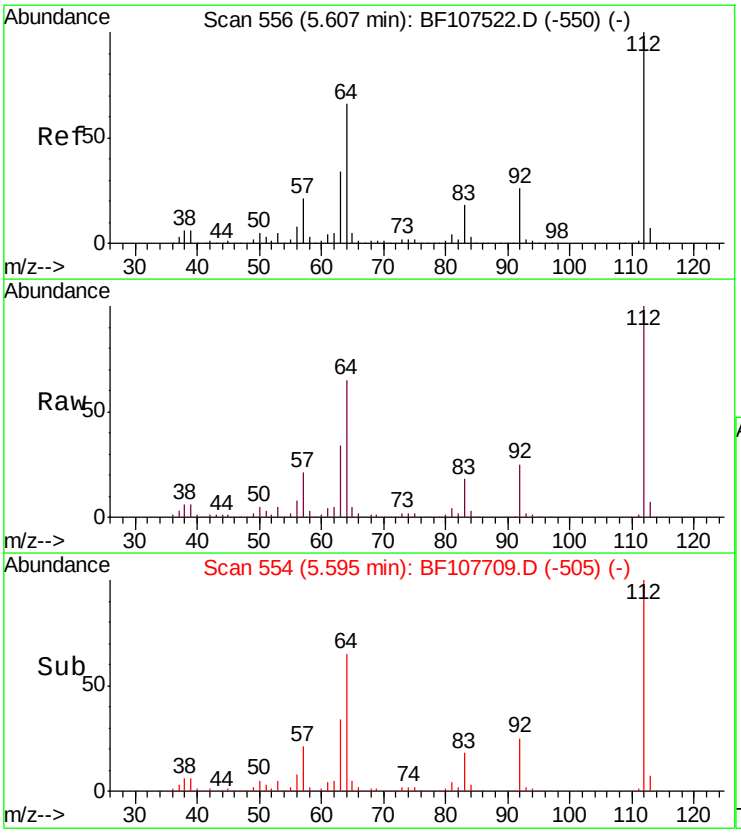
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion:152 Resp: 173321

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	57.2	50.1	75.1

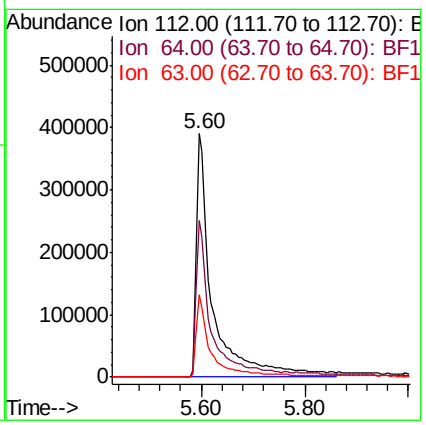


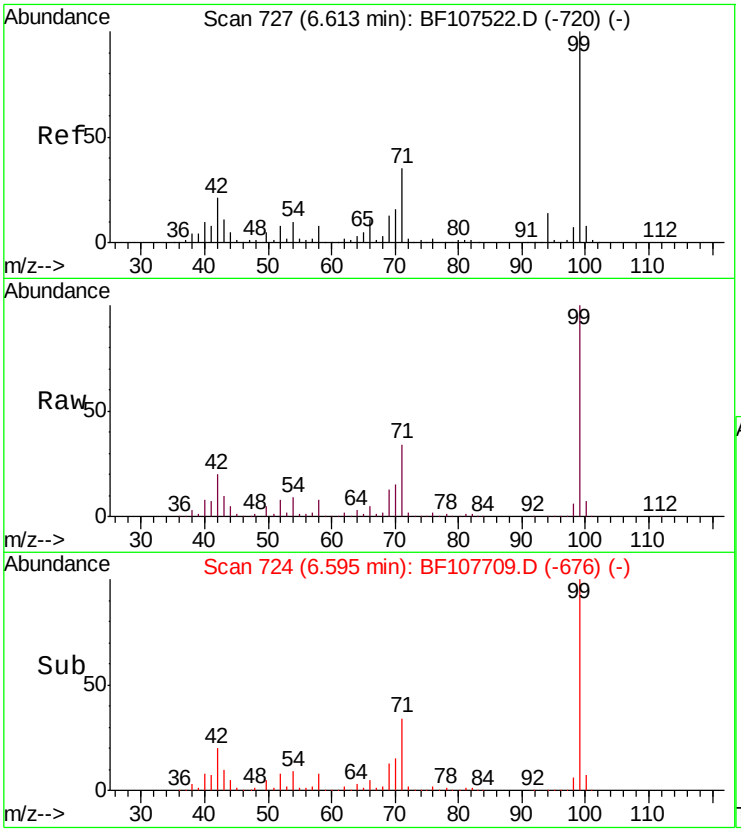


#5
2-Fluorophenol
Concen: 78.379 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:112 Resp: 844919

Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	33.7	23.7	35.5



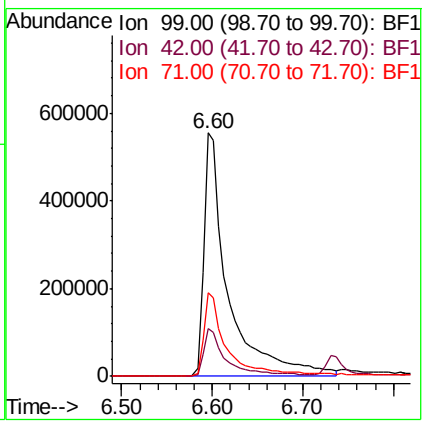


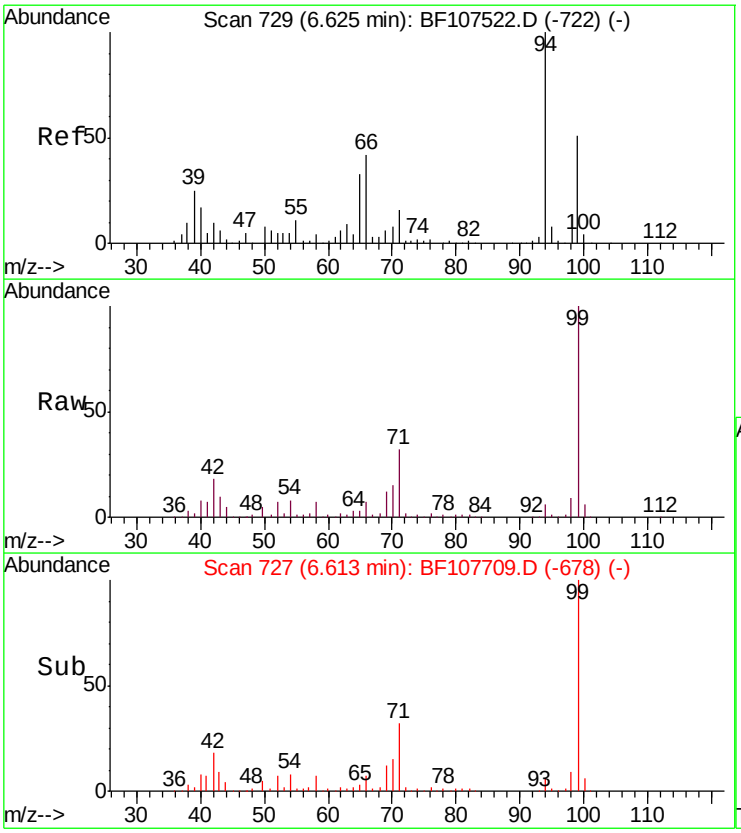
#7
Phenol-d6
Concen: 80.686 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion: 99 Resp: 1044398

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	34.1	25.4	38.0

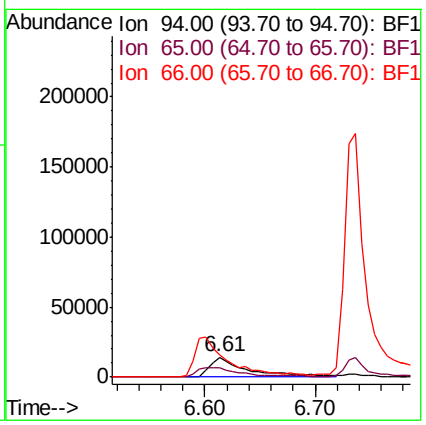


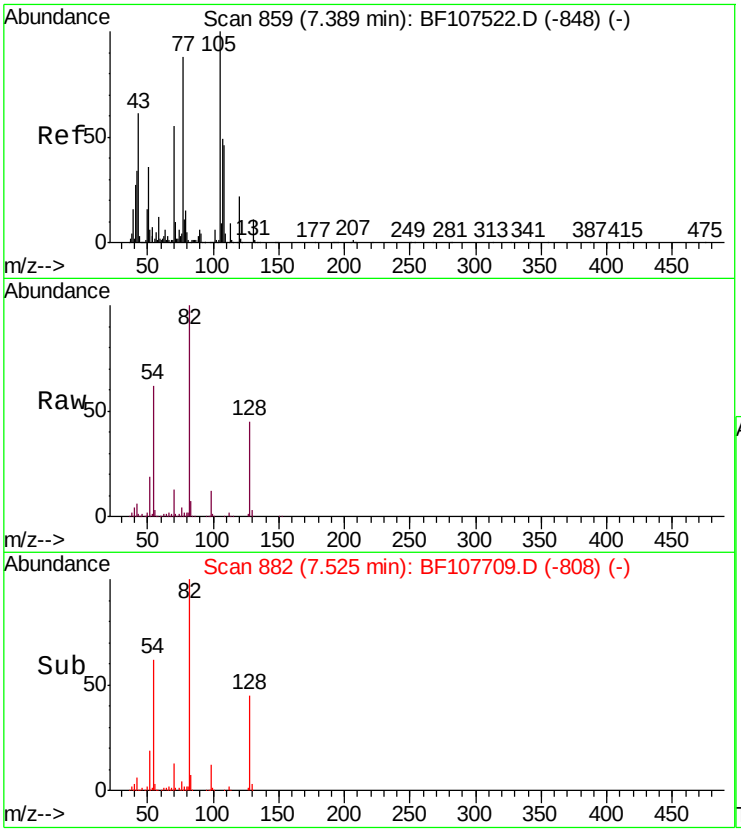


#10
Phenol
Concen: 2.228 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion: 94 Resp: 33912

Ion	Ratio	Lower	Upper
94	100		
65	44.2	7.9	47.9
66	113.1	16.2	56.2#



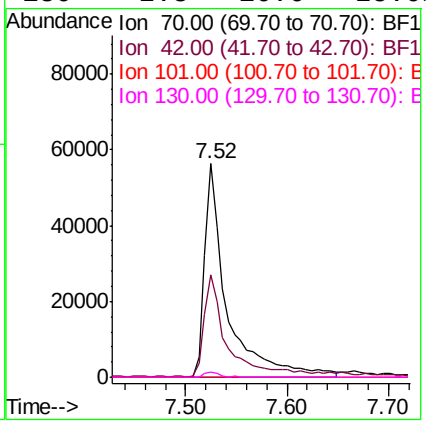


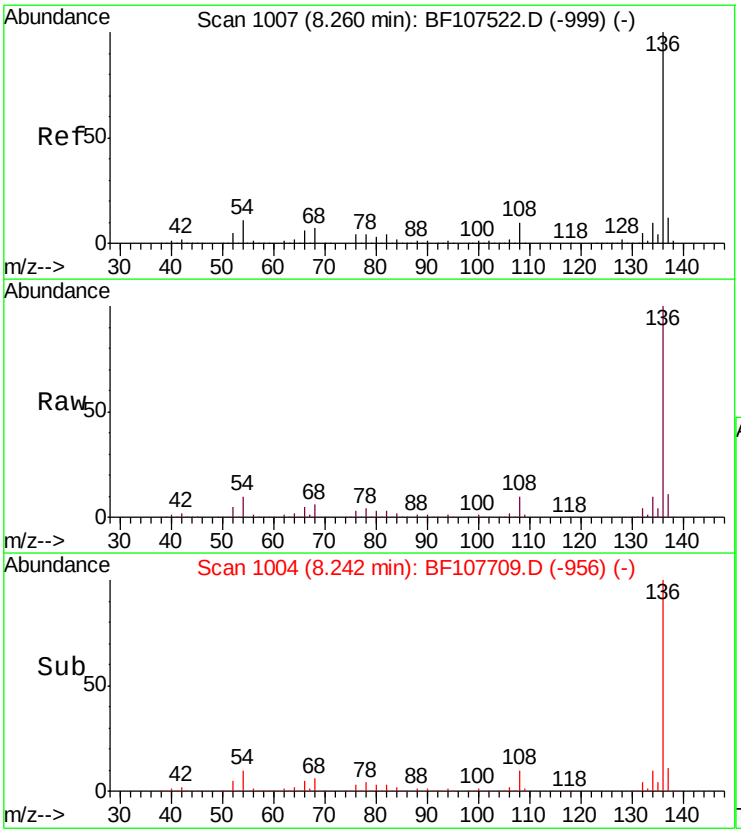
#19
n-Nitroso-di-n-propylamine
Concen: 10.359 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion: 70 Resp: 86622

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

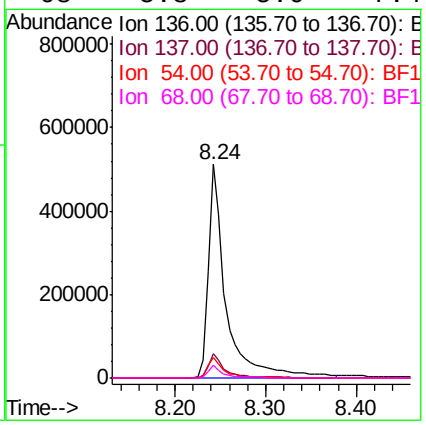


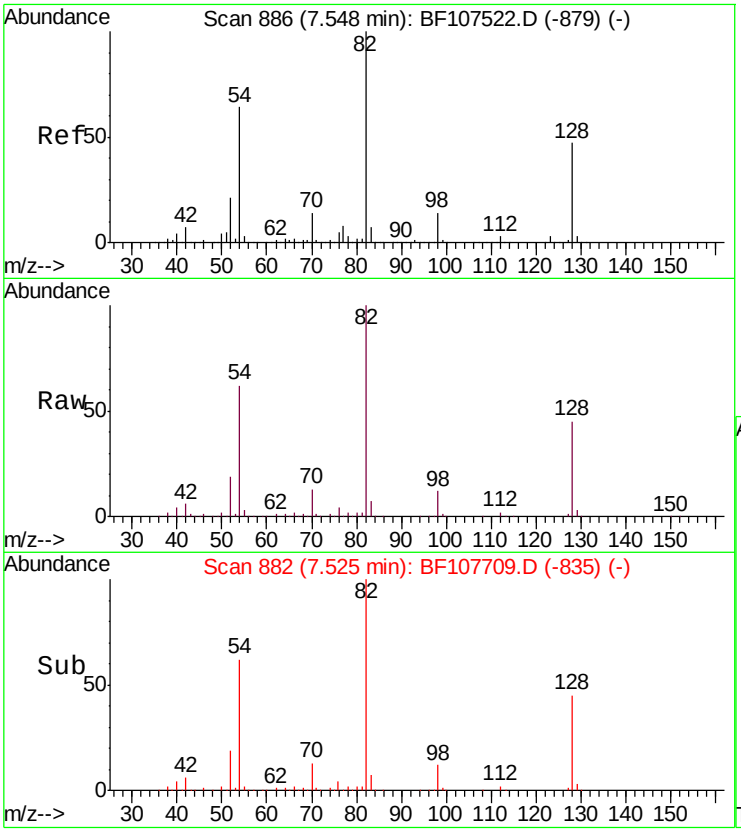


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:136 Resp: 699696

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.7	6.6	9.8
68	5.8	5.0	7.4



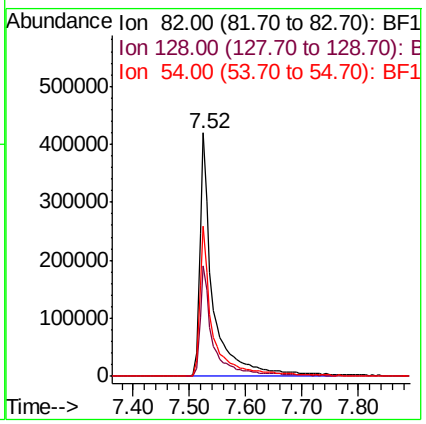


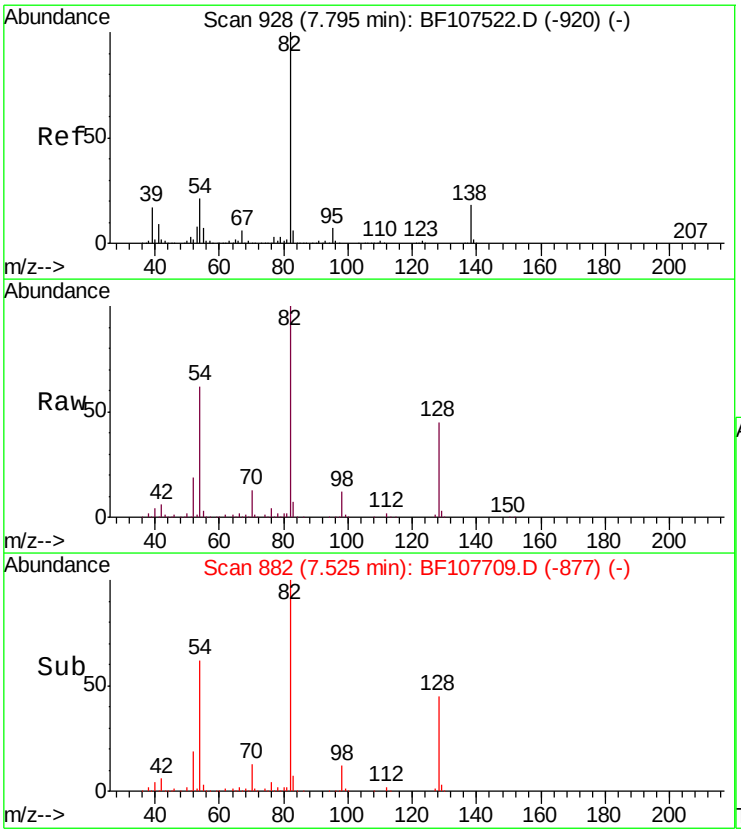
#23
Nitrobenzene-d5
Concen: 66.112 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion: 82 Resp: 685437

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	61.7	41.4	62.2

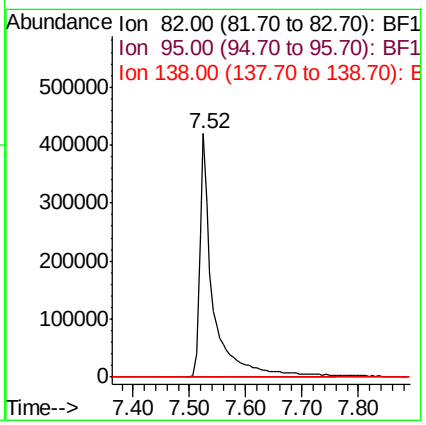


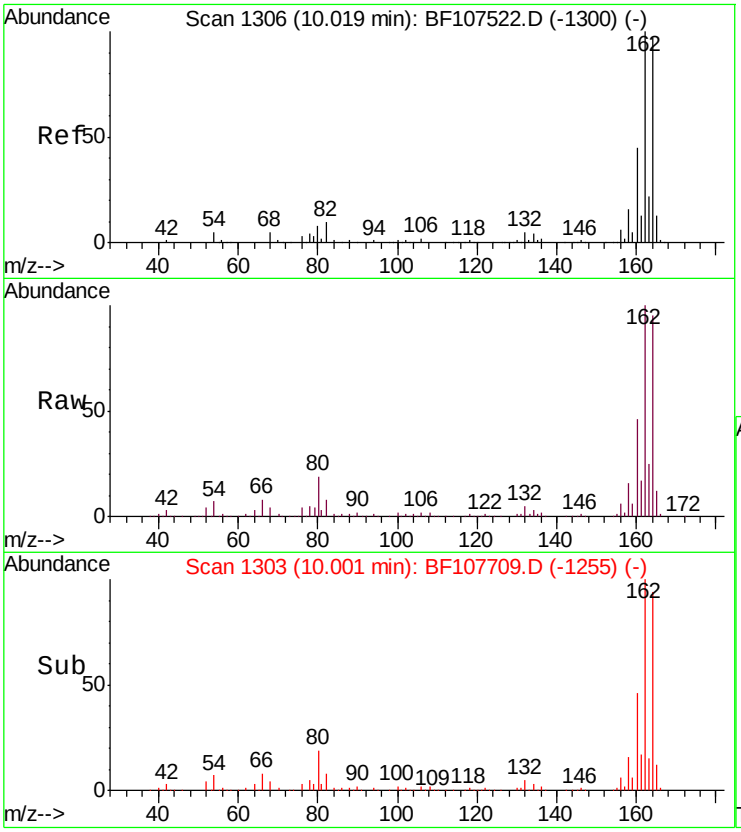


#25
Isophorone
Concen: 30.963 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion: 82 Resp: 685437

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



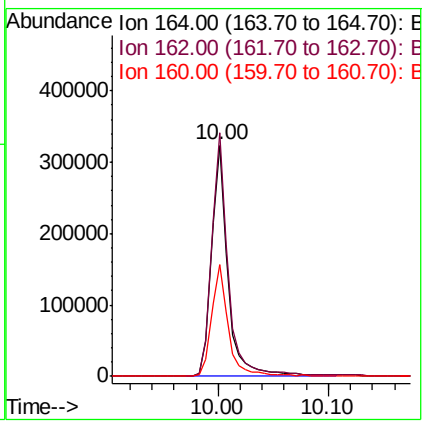


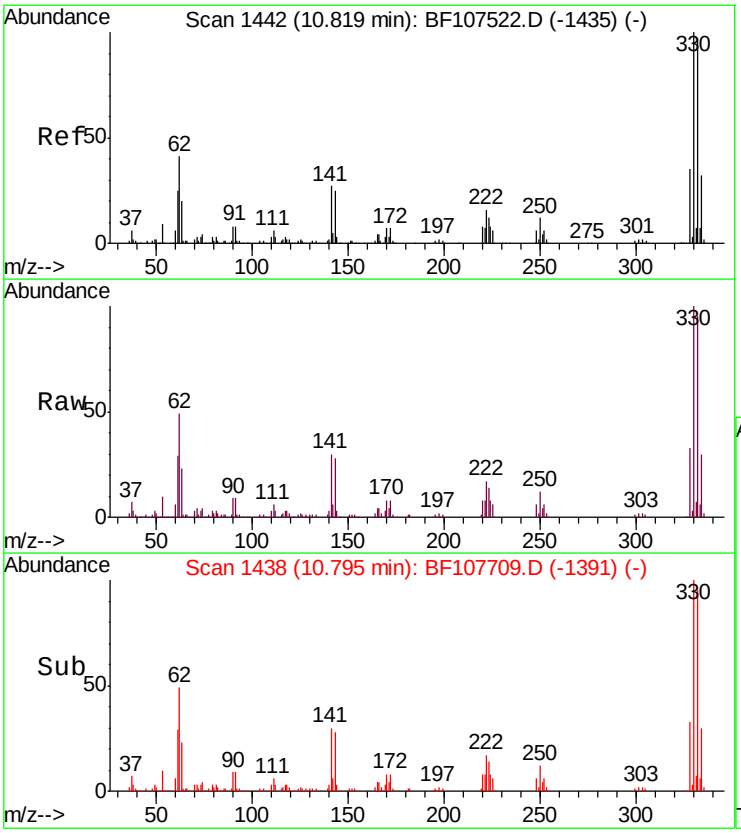
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion:164 Resp: 330688

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	48.3	38.3	57.5

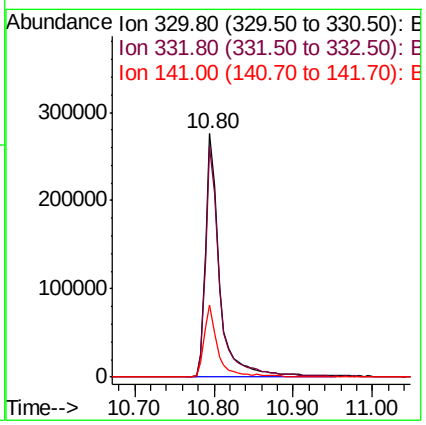


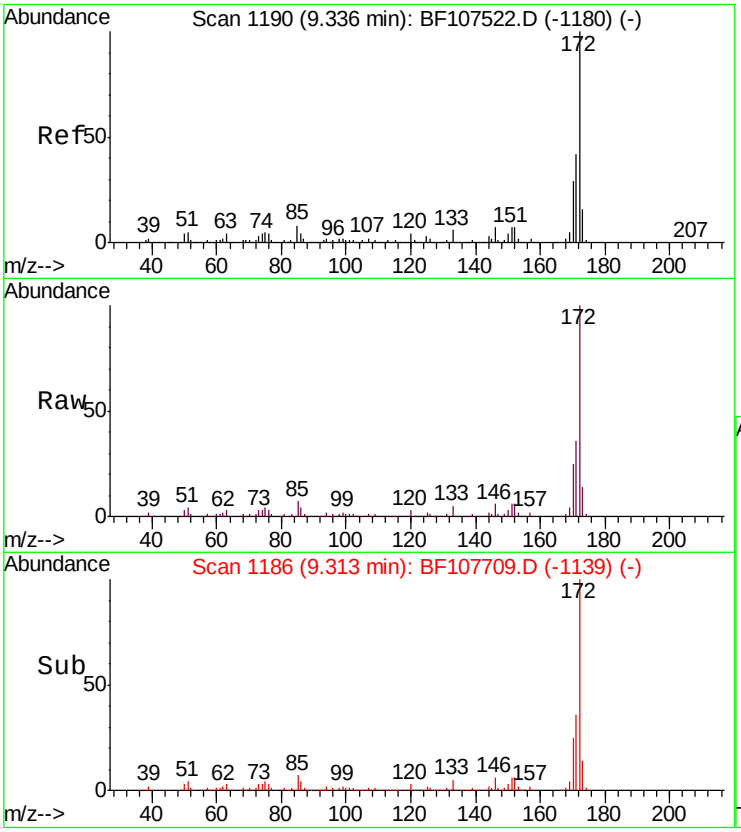


#41
2,4,6-Tribromophenol
Concen: 92.258 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:330 Resp: 346929

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	28.9	29.9	44.9#



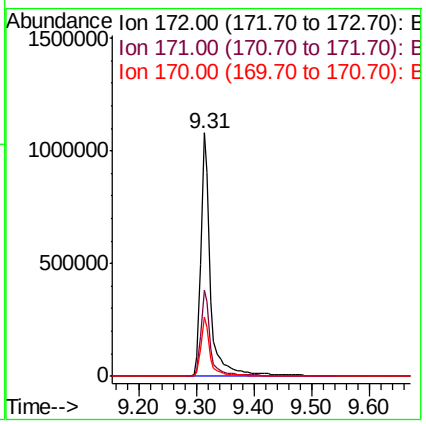


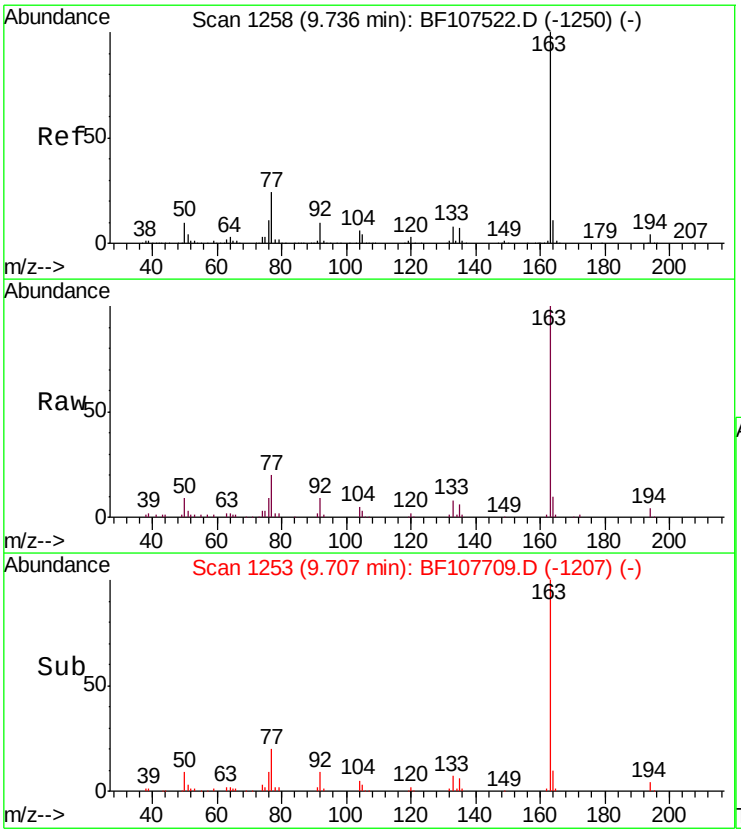
#44
2-Fluorobiphenyl
Concen: 62.308 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion:172 Resp: 1298215

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.5	19.6	29.4

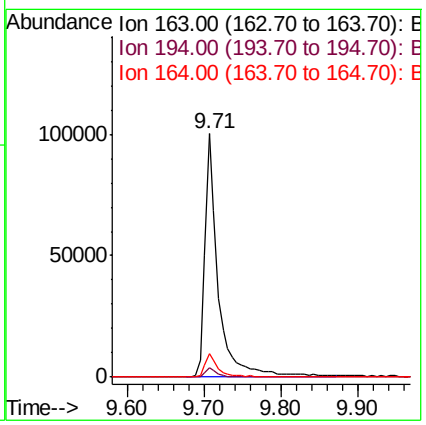


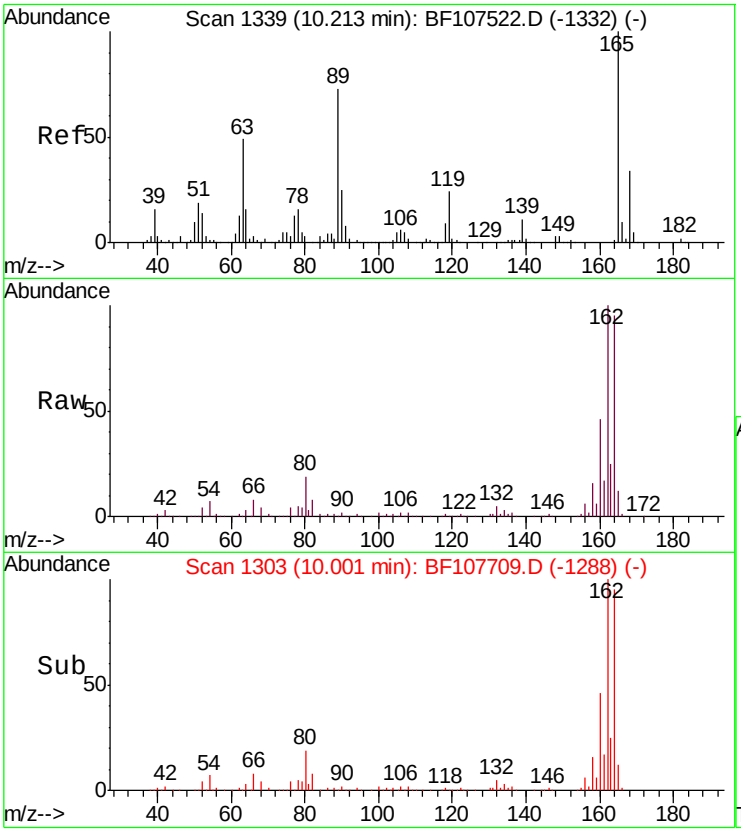


#49
Dimethylphthalate
Concen: 4.860 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:163 Resp: 121113

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2



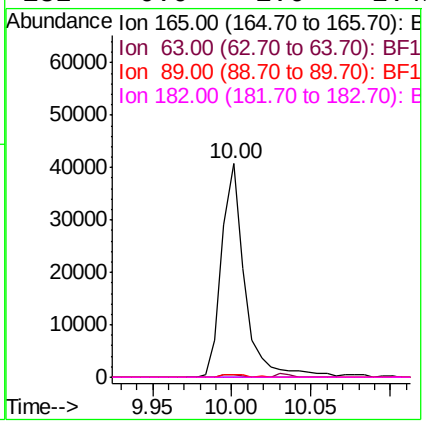


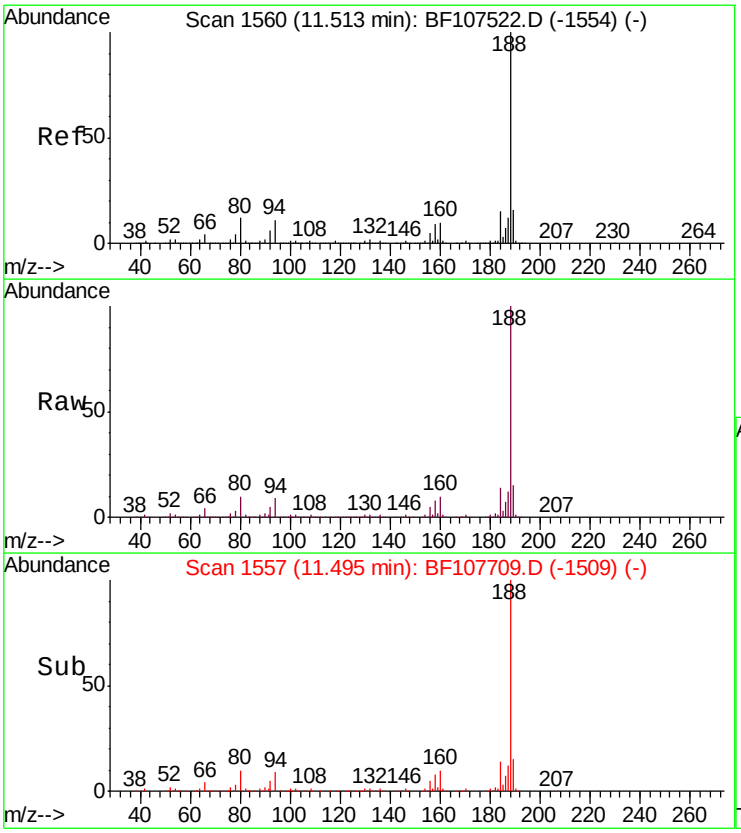
#56
2,4-Dinitrotoluene
Concen: 6.979 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion:165 Resp: 41687

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

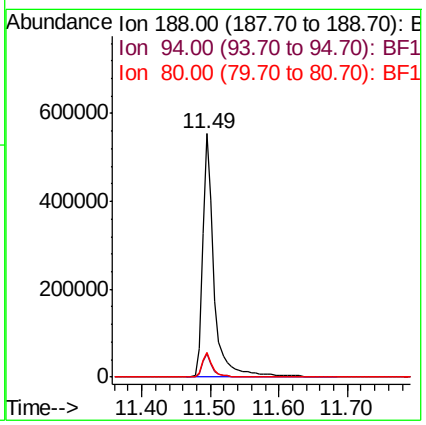


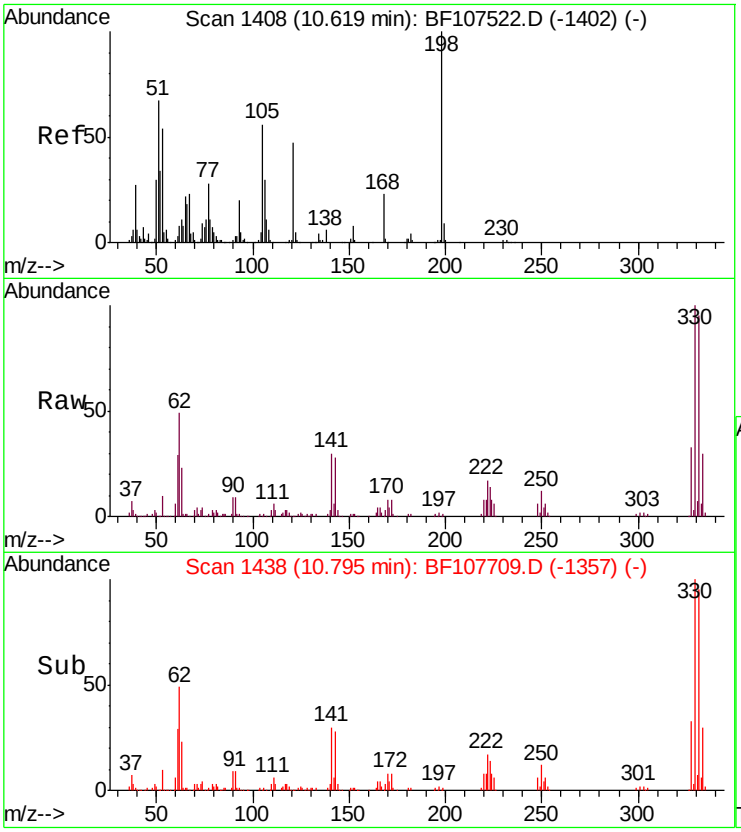


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:188 Resp: 654273

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.1	9.2	13.8



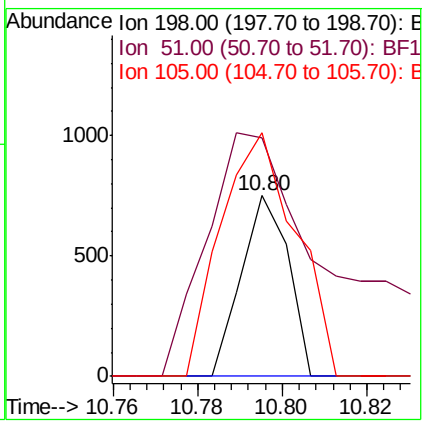


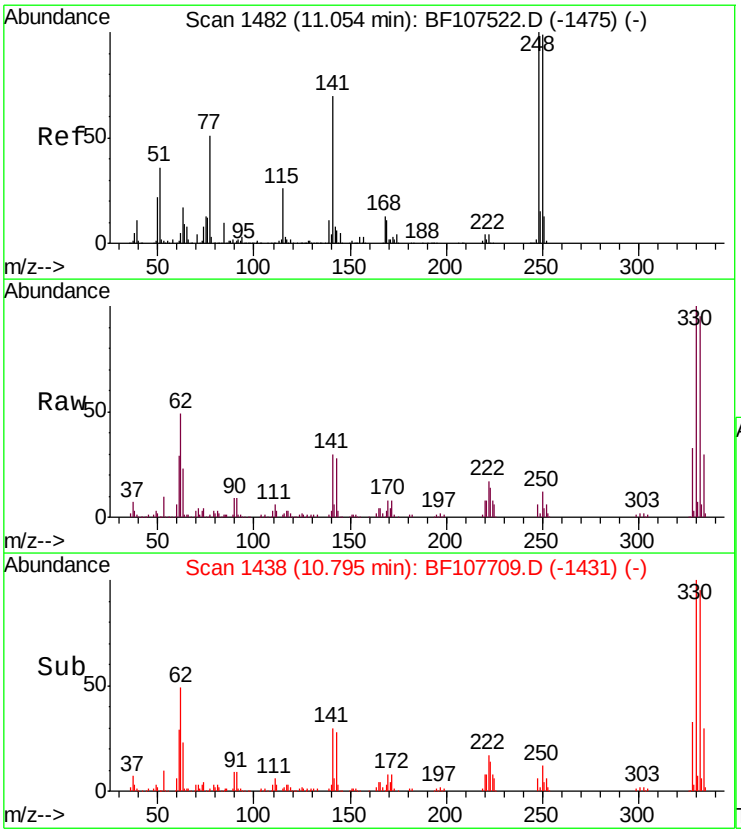
#64
4,6-Dinitro-2-methylphenol
Concen: 8.832 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion:198 Resp: 582

Ion	Ratio	Lower	Upper
198	100		
51	132.3	37.7	77.7#
105	134.7	36.3	76.3#

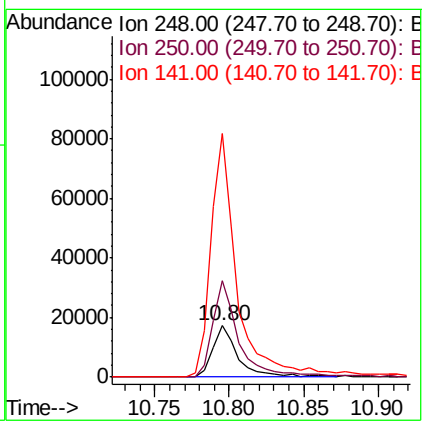


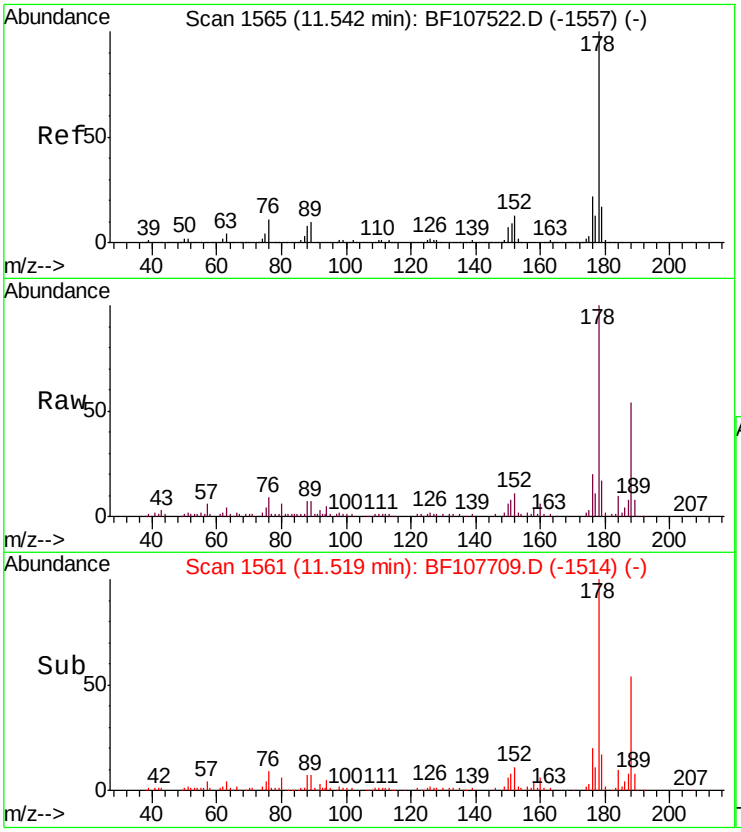


#66
4-Bromophenyl-phenylether
Concen: 2.660 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:248 Resp: 20487

Ion	Ratio	Lower	Upper
248	100		
250	187.9	76.9	115.3#
141	475.4	74.4	111.6#



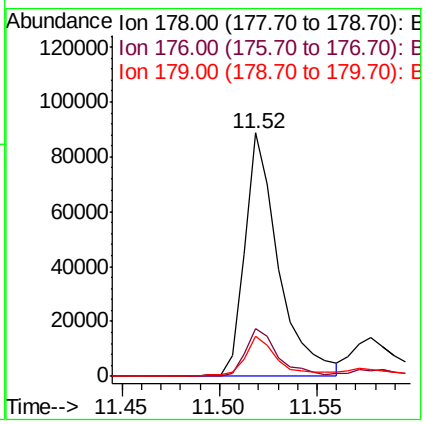


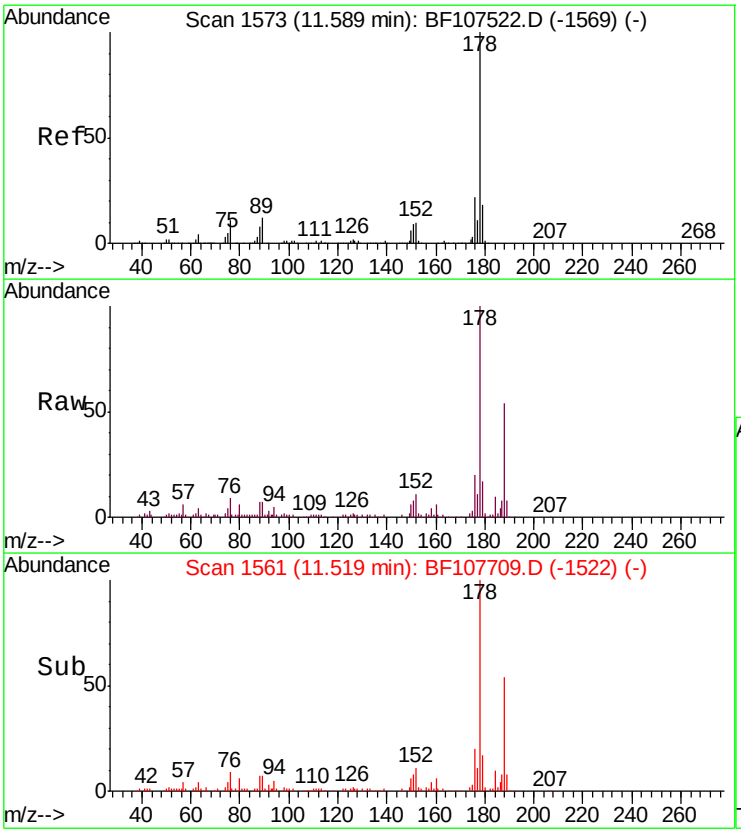
#70
Phenanthrene
Concen: 3.339 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion:178 Resp: 106454

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.6	13.0	19.6

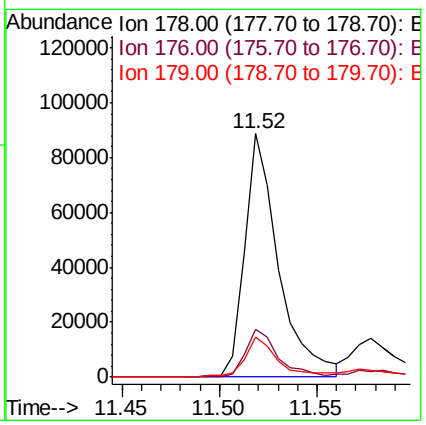


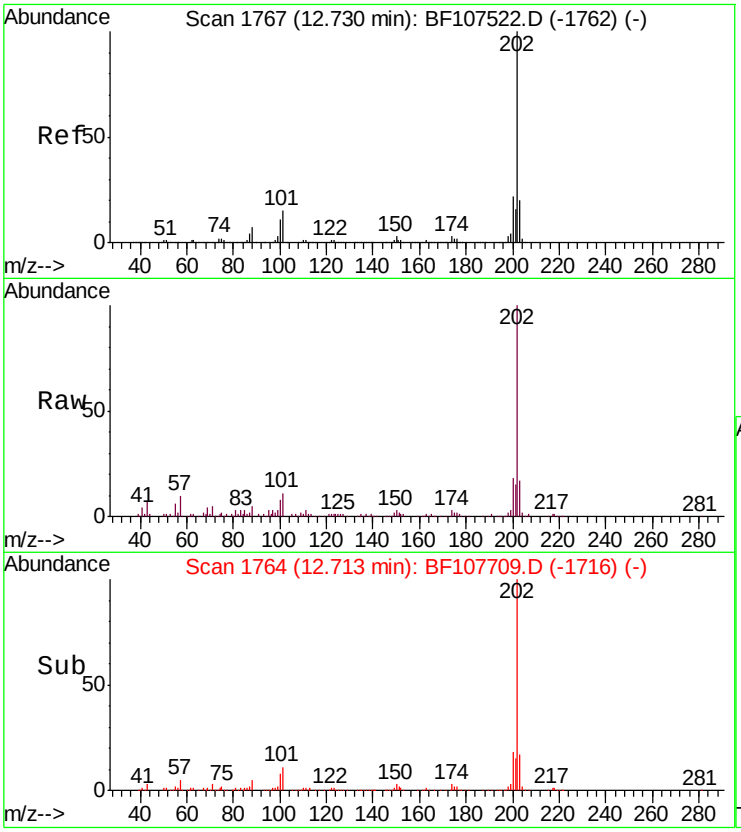


#71
Anthracene
Concen: 3.316 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.07 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:178 Resp: 106454

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.6	12.6	19.0



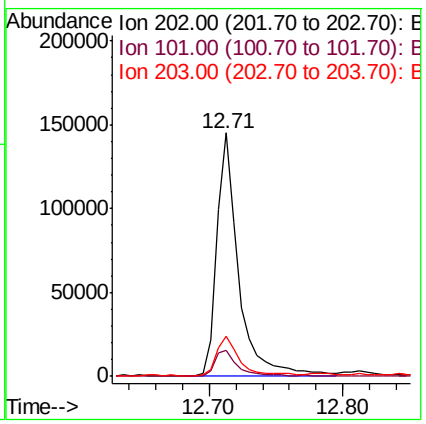


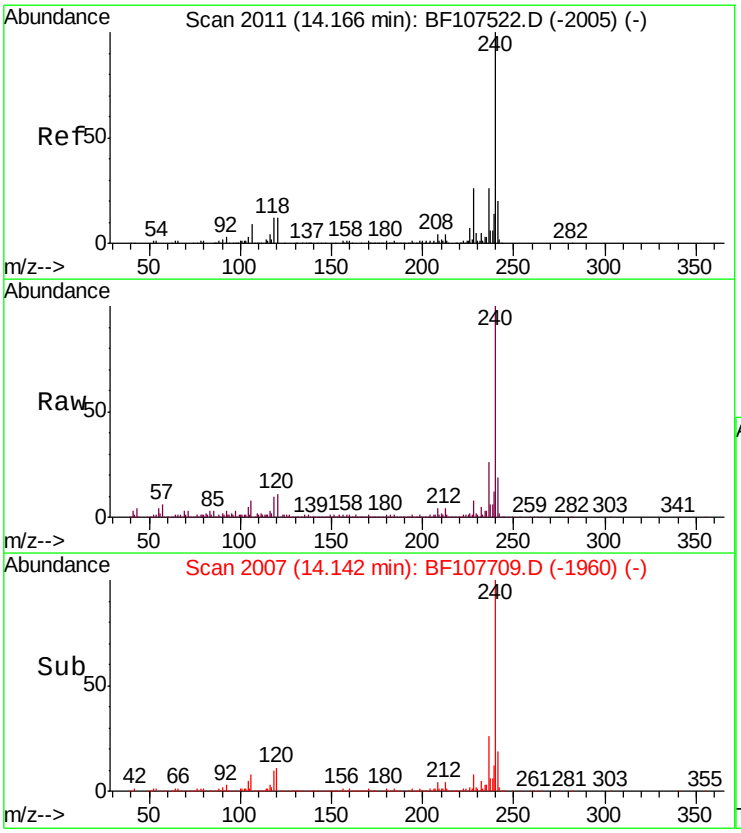
#74
Fluoranthene
Concen: 4.919 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion:202 Resp: 168276

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	16.6	0.0	38.1

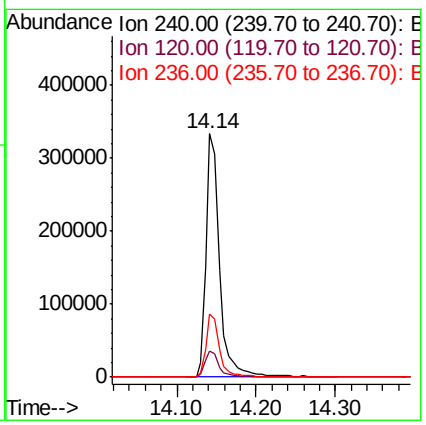


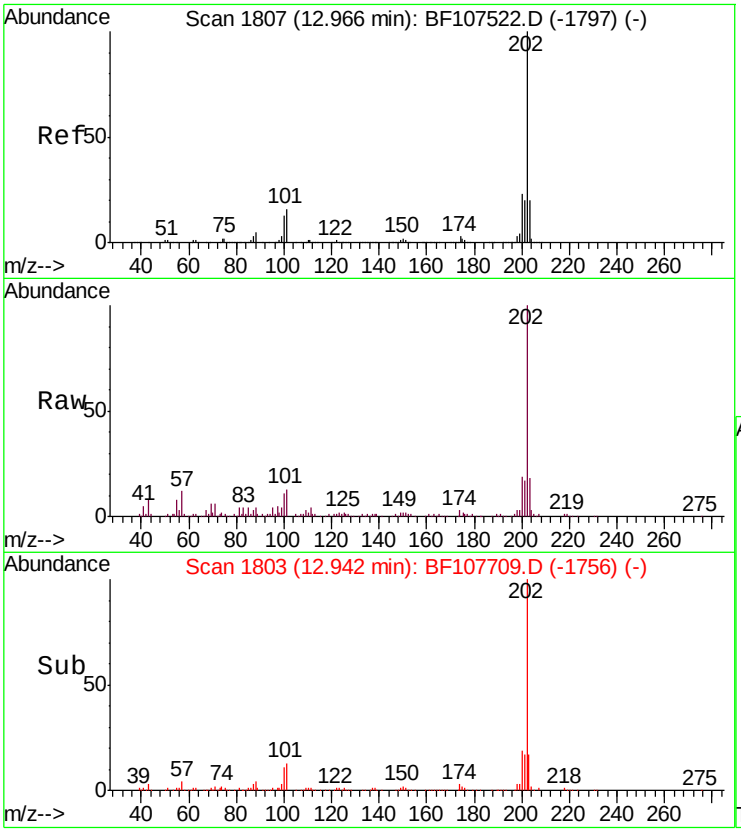


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:240 Resp: 398902

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.7	20.7	31.1



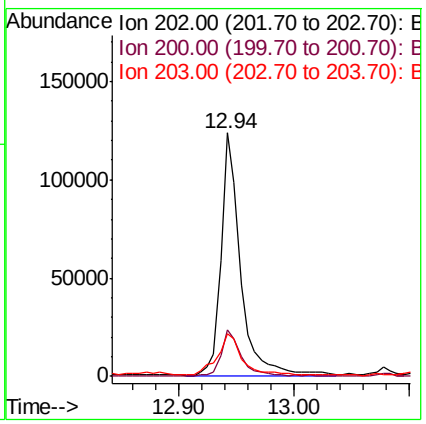


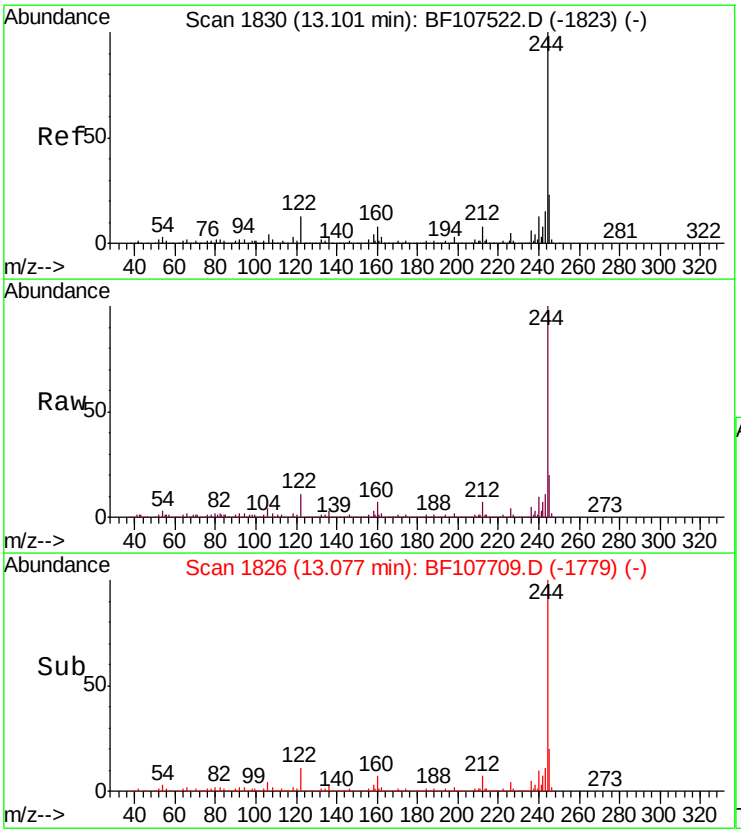
#77
Pyrene
Concen: 5.302 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion:202 Resp: 144676

Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.4	26.2
203	17.6	14.3	21.5

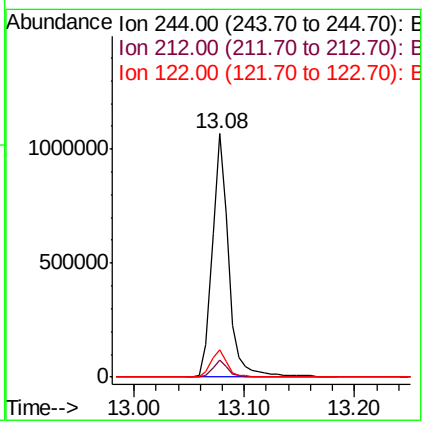


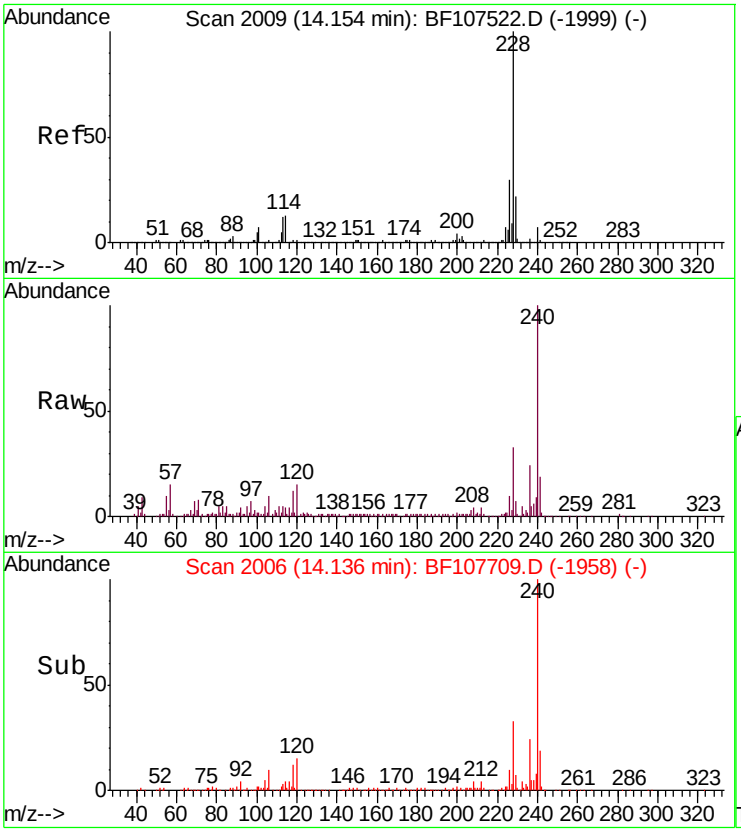


#78
Terphenyl-d14
Concen: 69.620 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:244 Resp: 1084795

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



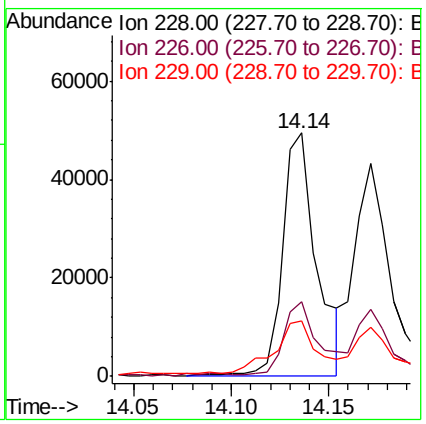


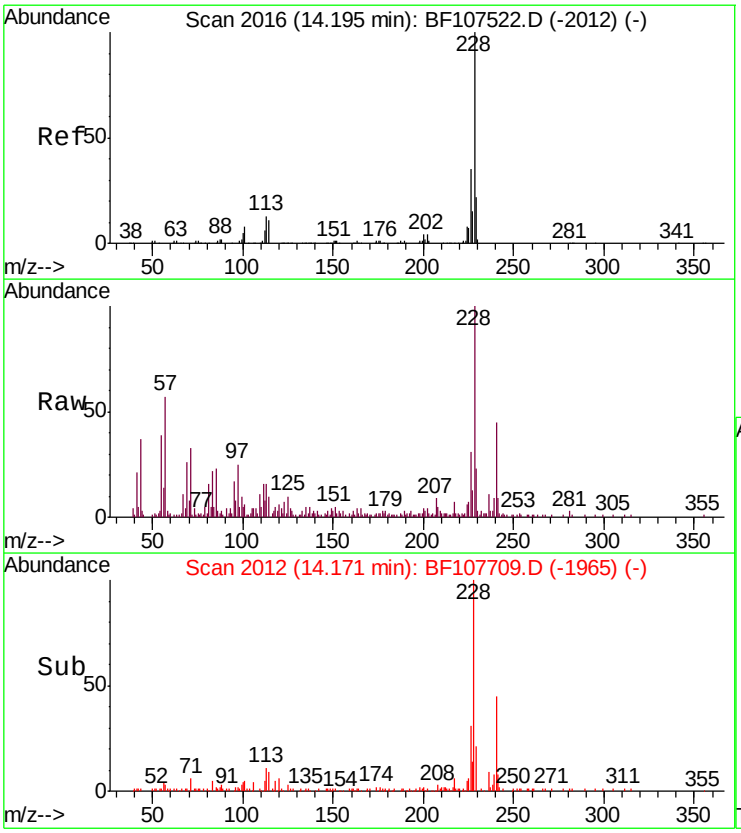
#80
Benzo(a)anthracene
Concen: 2.571 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion:228 Resp: 60103

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	22.6	15.8	23.6

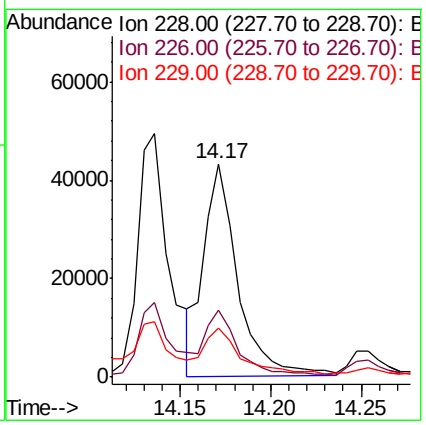


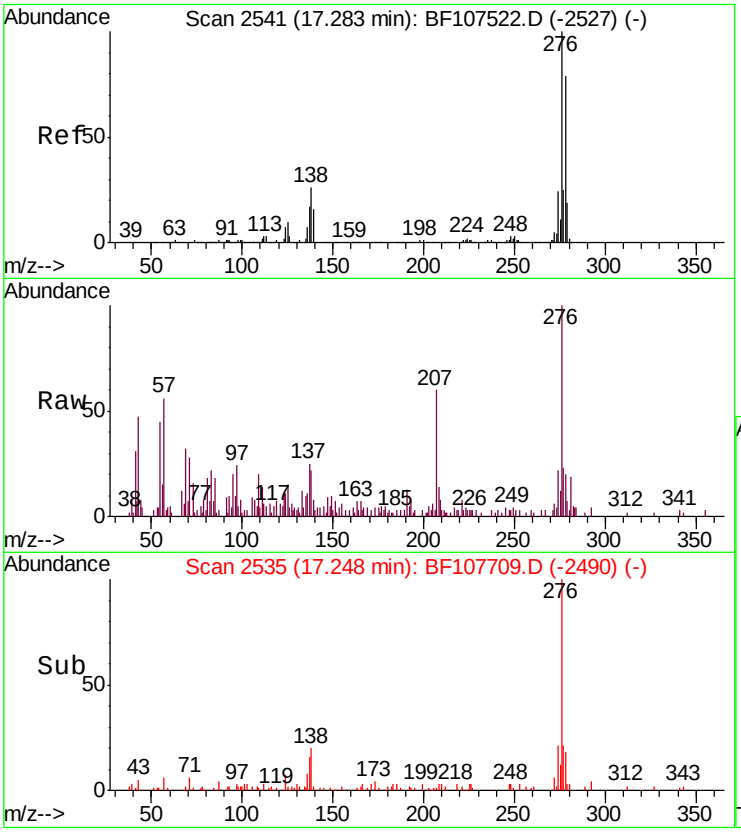


#82
Chrysene
Concen: 2.517 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:228 Resp: 56514

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	23.0	16.2	24.4



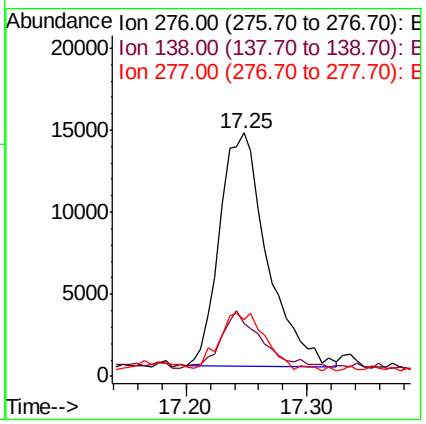


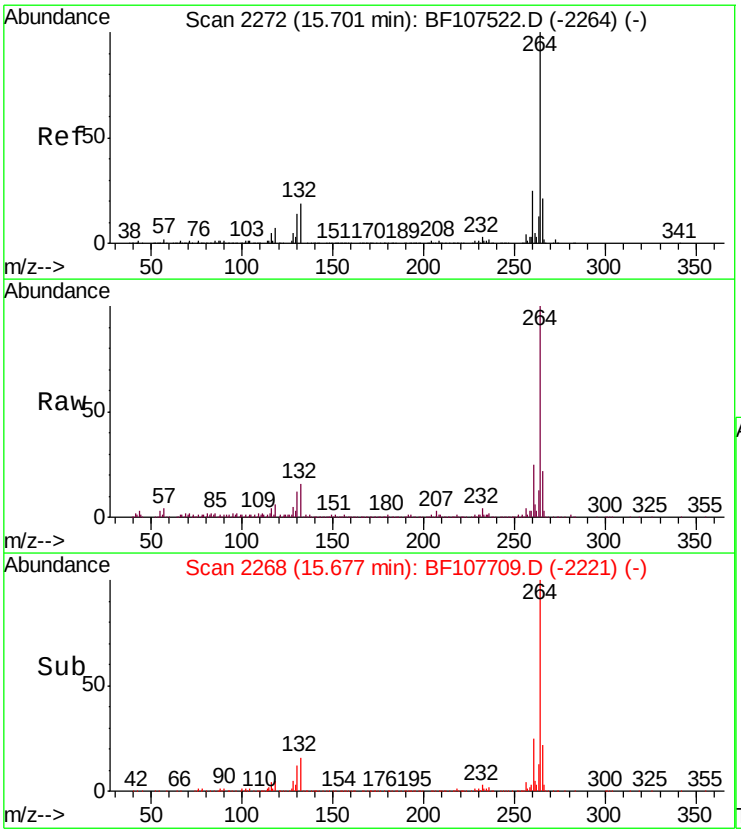
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.048 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.04 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion:276 Resp: 38979

Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	25.6	20.1	30.1

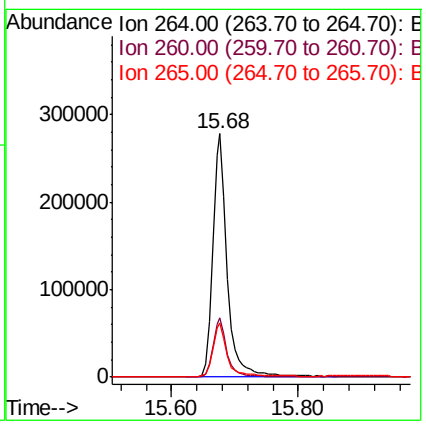


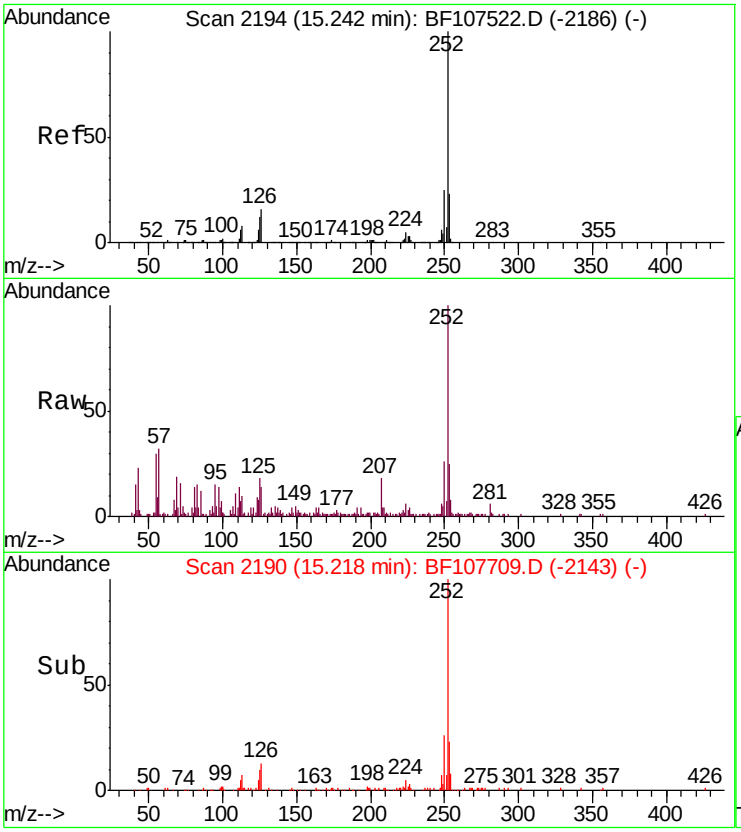


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:264 Resp: 454878

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.4	17.5	26.3



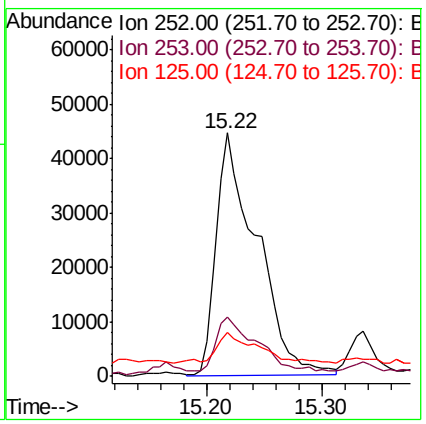


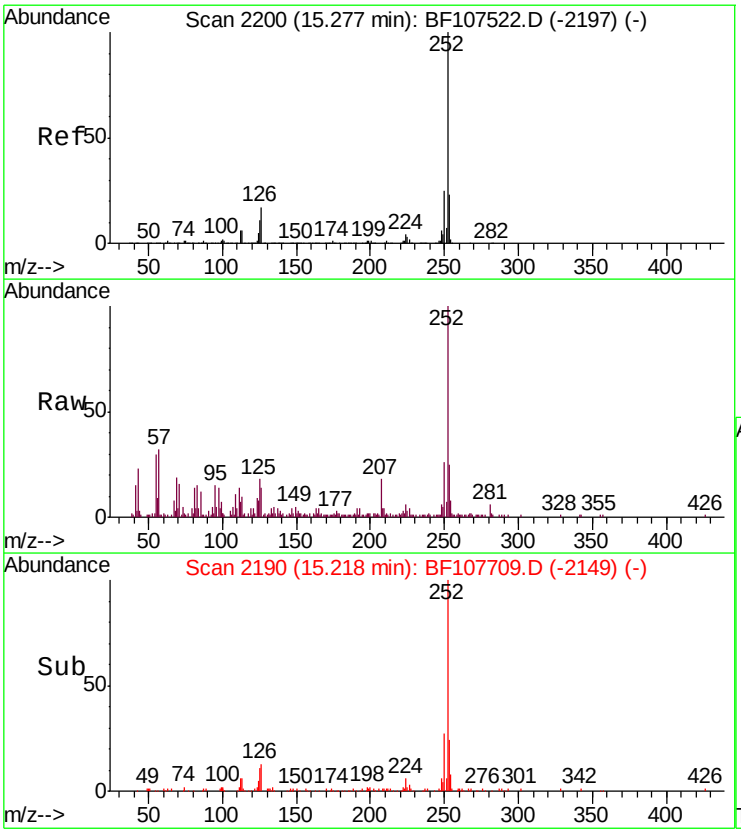
#87
Benzo(b)fluoranthene
Concen: 4.381 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion:252 Resp: 109063

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	17.9	9.0	13.6#

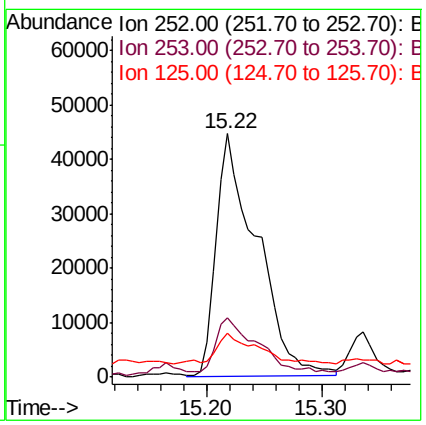


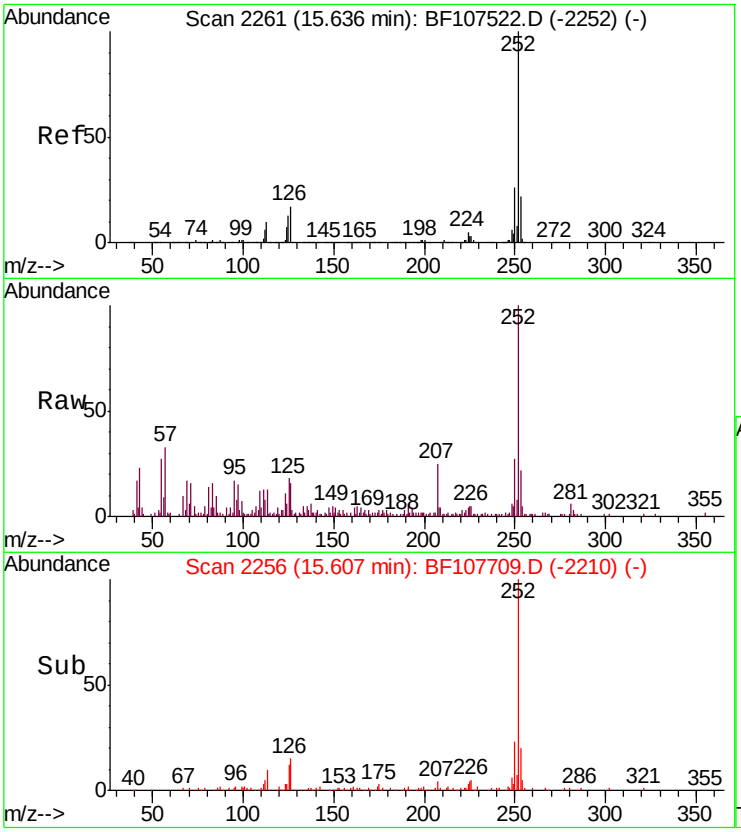


#88
Benzo(k)fluoranthene
Concen: 4.487 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.06 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:252 Resp: 109431

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	17.9	10.2	15.2#



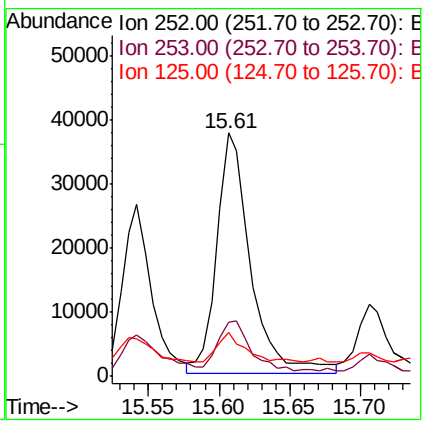


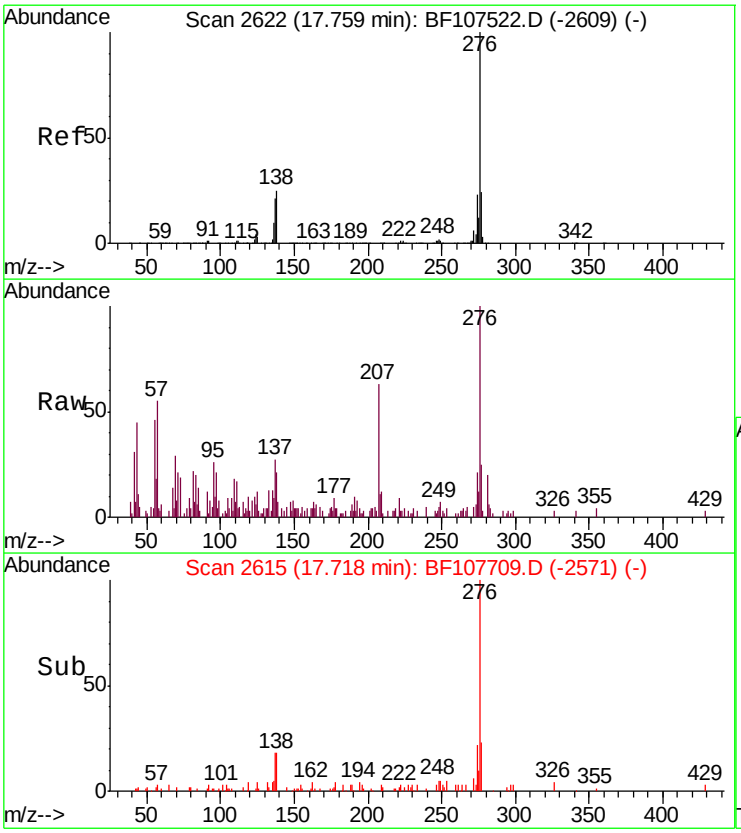
#89
Benzo(a)pyrene
Concen: 2.739 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.03 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CON-SB-104-05-06-07-0-11

Tgt Ion:252 Resp: 62380

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	17.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.092 ng
RT: 17.72 min Scan# 2615
Delta R.T. -0.04 min
Lab File: BF107709.D
Acq: 26 Jul 2018 19:32

Tgt Ion:276 Resp: 40622

Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	20.9	21.8	32.8#