Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107771.D
Acq On : 28 Jul 2018 3:22
Operator : JU/SJ
Sample : J4143-01DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(3-5)DL

Quant Time: Jul 28 04:16:04 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	128805	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	554588	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	229684	20.00	ng		-0.02
63) Phenanthrene-d10	11.50	188	401311	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	423589	20.00	ng		-0.01
86) Perylene-d12	15.68	264	396334	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	17937	2.24	ng		0.02
7) Phenol-d6	6.62	99	21089	2.19	ng		0.01
23) Nitrobenzene-d5	7.56	82	30981	3.77	ng		0.01
41) 2,4,6-Tribromophenol	10.80	330	21530	8.24	ng		-0.02
44) 2-Fluorobiphenyl	9.31	172	119194	3.11	ng		-0.02
78) Terphenyl-d14	13.08	244	116484	7.04	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	1459	Below Cal		#	42
50) 2,6-Dinitrotoluene	10.00	165	28525	8.300	ng	#	26
51) Acenaphthene	10.03	154	39039	2.712	ng		94
55) 4-Nitrophenol	10.22	139	7836	2.503	ng	#	9
56) 2,4-Dinitrotoluene	10.00	165	29180	7.034	ng	#	24
57) Fluorene	10.55	166	42346	2.801	ng		99
70) Phenanthrene	11.52	178	546647	27.953	ng		98
71) Anthracene	11.58	178	227781	11.568	ng		100
73) Di-n-butylphthalate	12.04	149	2576	Below Cal		#	39
74) Fluoranthene	12.72	202	1020489	48.629	ng		95
77) Pyrene	12.95	202	891679	30.775	ng		97
80) Benzo(a)anthracene	14.14	228	495919	19.978	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	235	Below Cal		#	27
82) Chrysene	14.18	228	429137	17.997	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	170274	8.425	ng	#	87
87) Benzo(b)fluoranthene	15.22	252	692420	31.922	ng		98
88) Benzo(k)fluoranthene	15.22	252	692420	32.583	ng		98
89) Benzo(a)pyrene	15.62	252	365932	18.443	ng		96
91) Benzo(g,h,i)perylene	17.74	276	155316	9.181	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
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SB-1(3-5)DL

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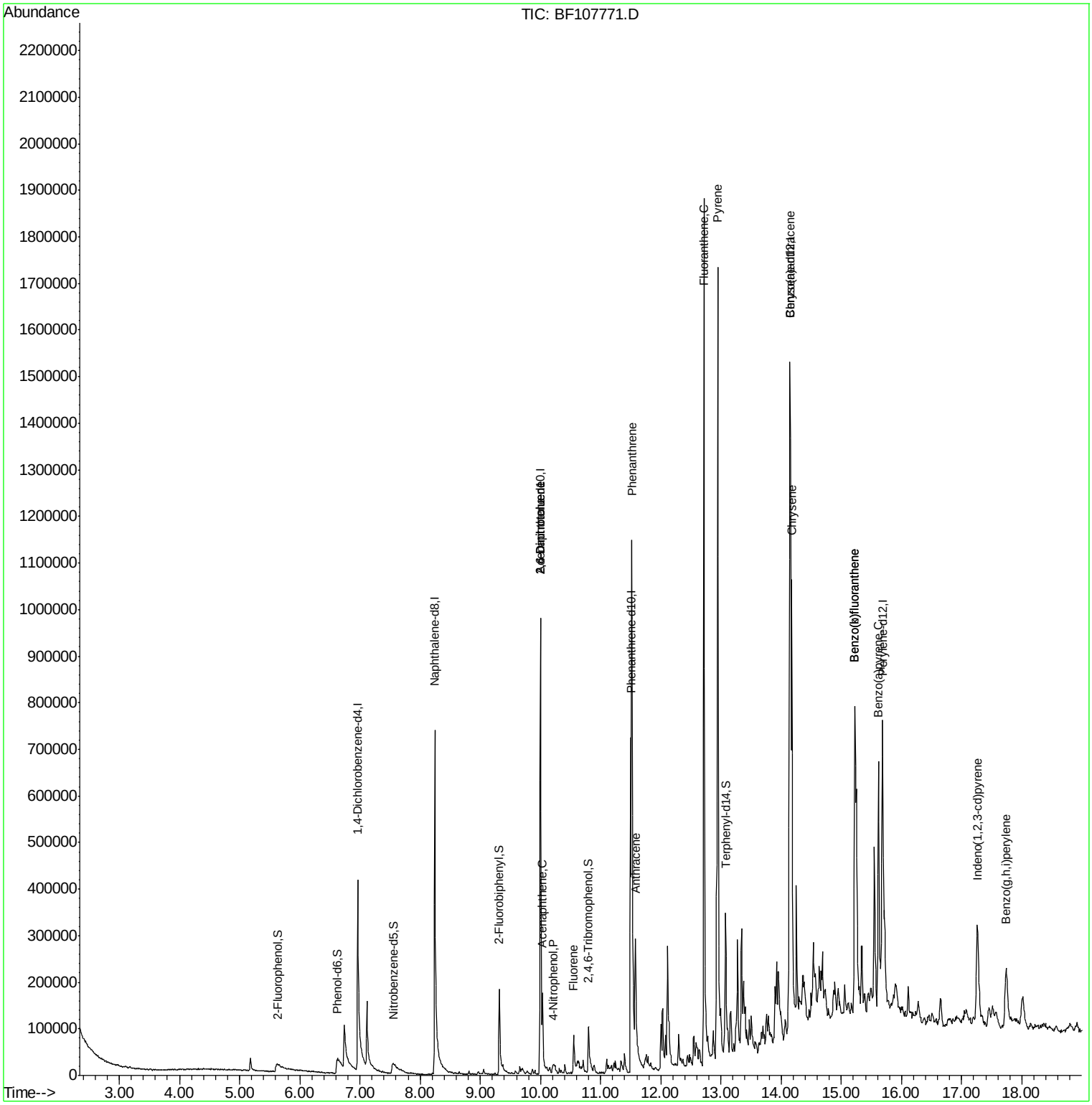
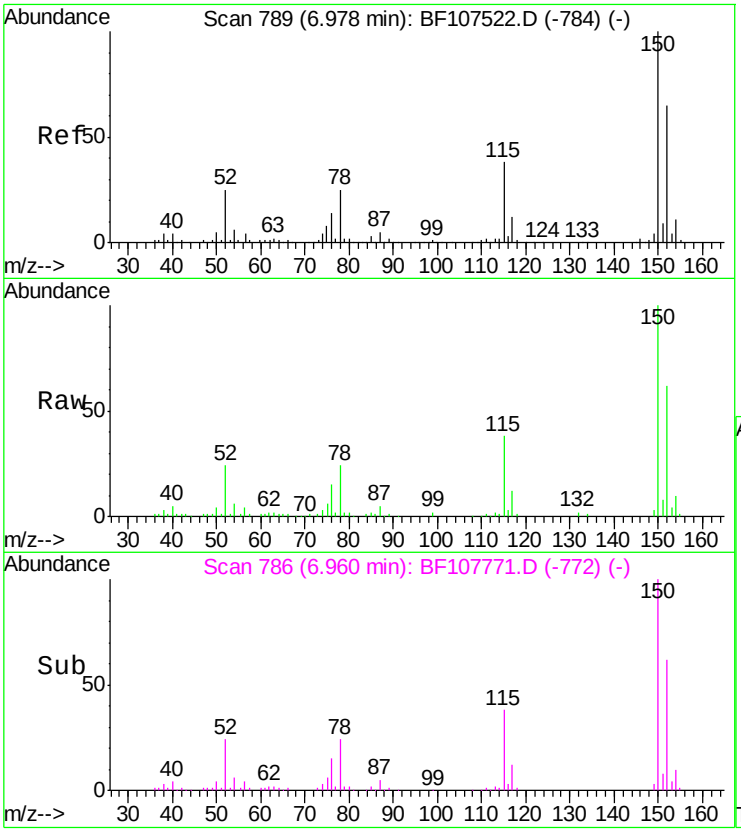


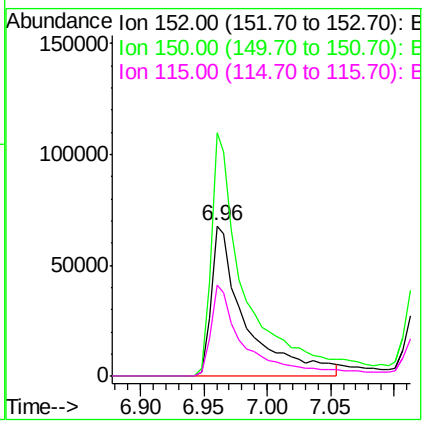


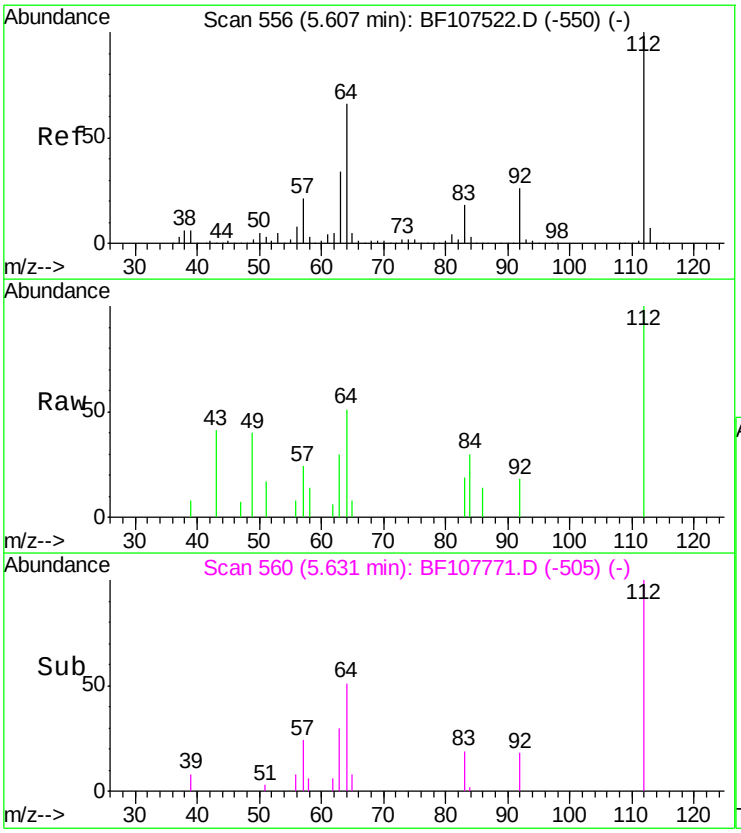
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion:152 Resp: 128805

Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.6	186.8
115	60.8	50.1	75.1

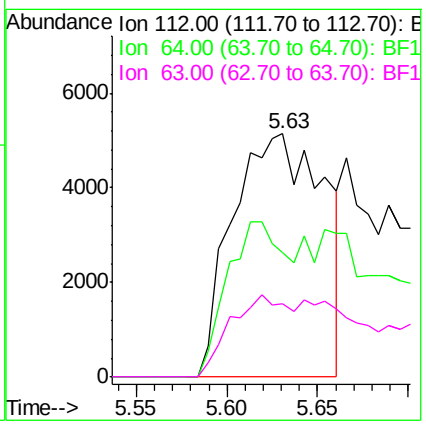


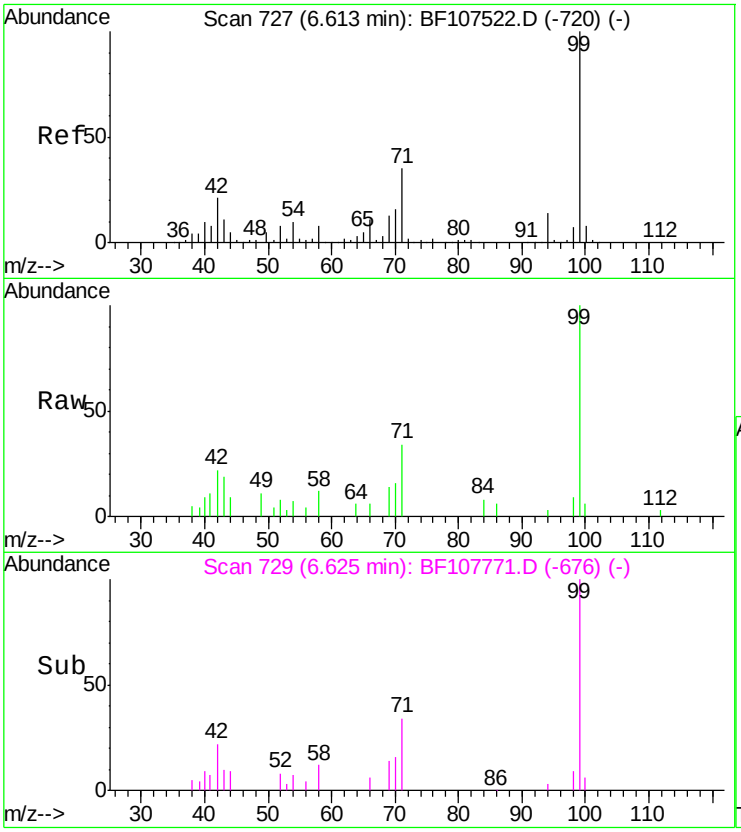


#5
2-Fluorophenol
Concen: 2.239 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:112 Resp: 17937

Ion	Ratio	Lower	Upper
112	100		
64	51.3	47.9	71.9
63	30.3	23.7	35.5



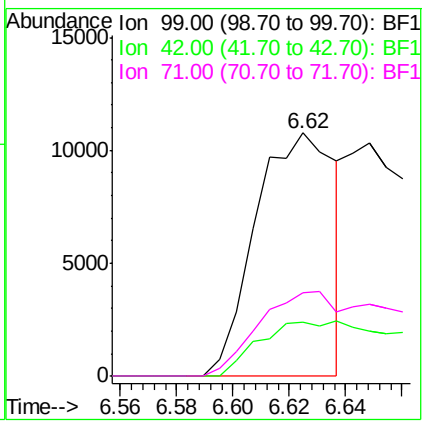


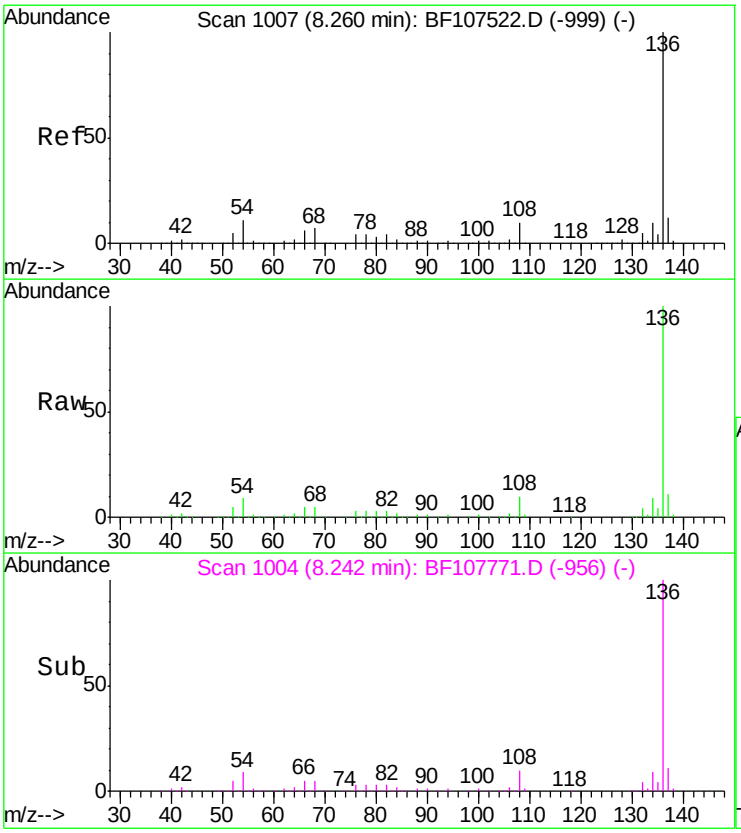
#7
Phenol-d6
Concen: 2.192 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion: 99 Resp: 21089

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	34.4	25.4	38.0

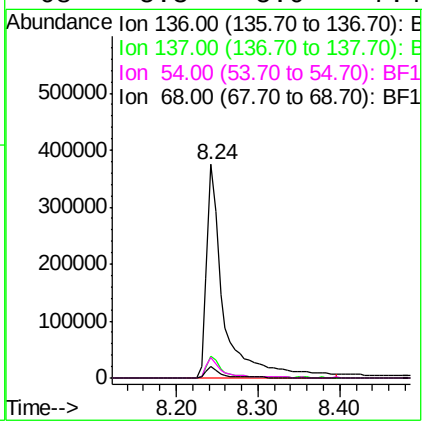


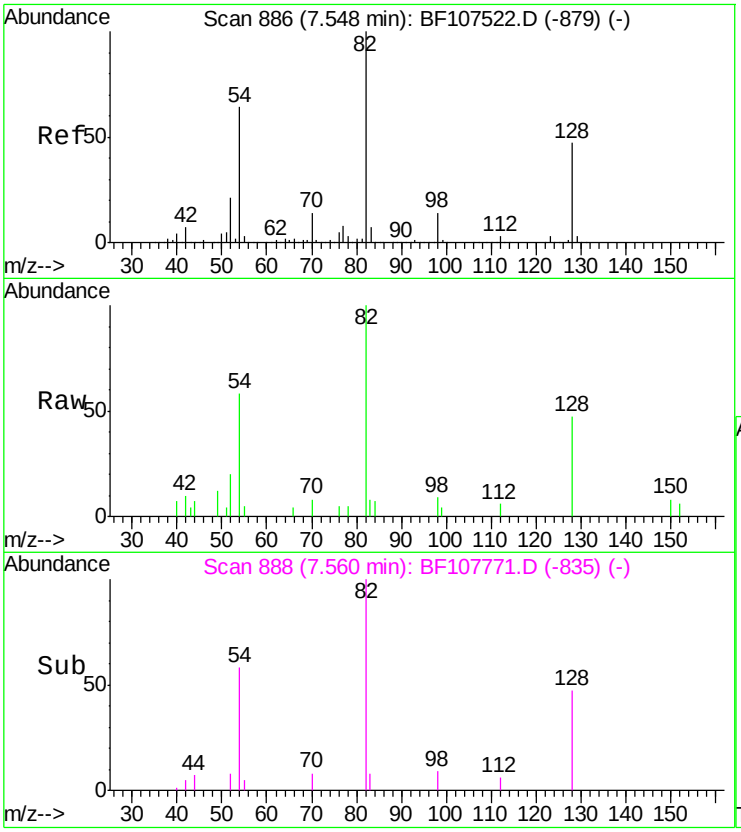


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:136 Resp: 554588

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.3	6.6	9.8
68	5.3	5.0	7.4



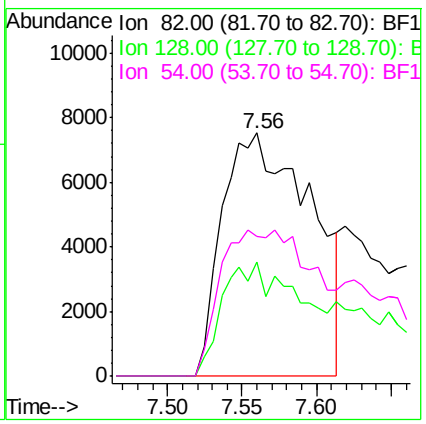


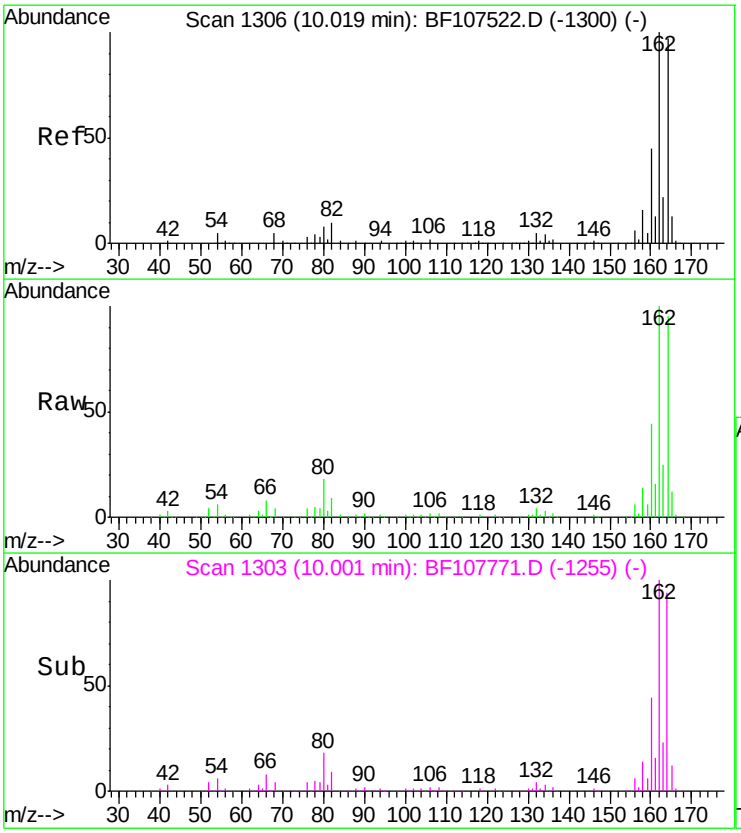
#23
Nitrobenzene-d5
Concen: 3.770 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion: 82 Resp: 30981

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	57.7	41.4	62.2

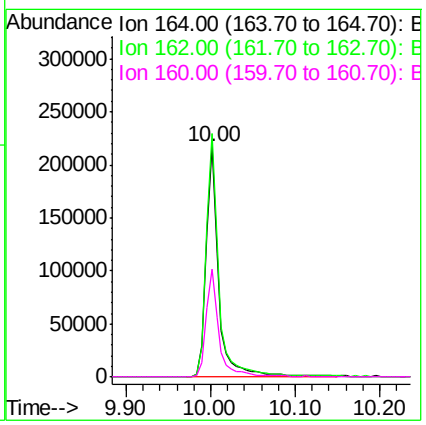


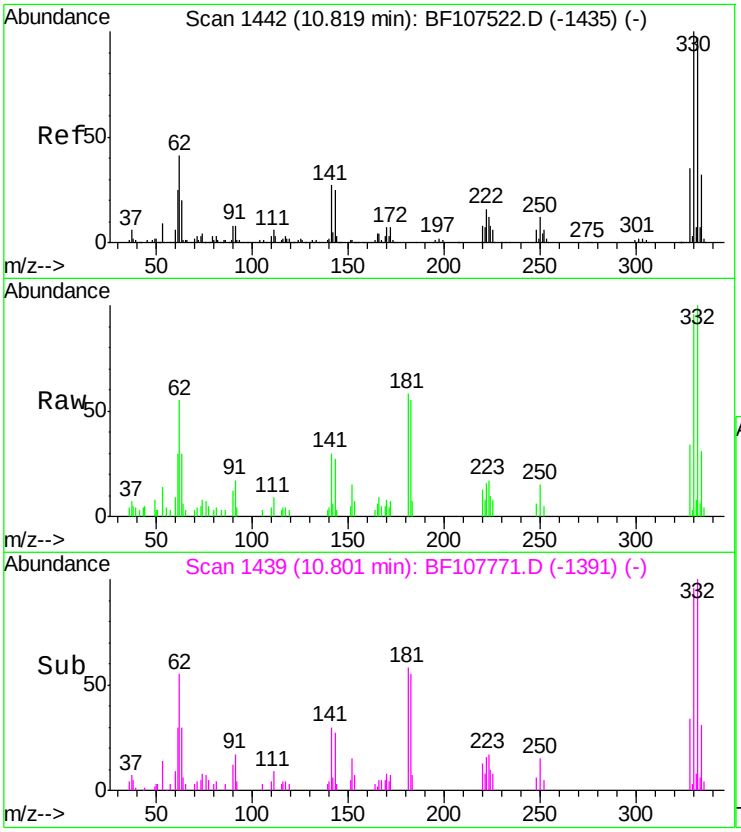


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:164 Resp: 229684

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.8	38.3	57.5



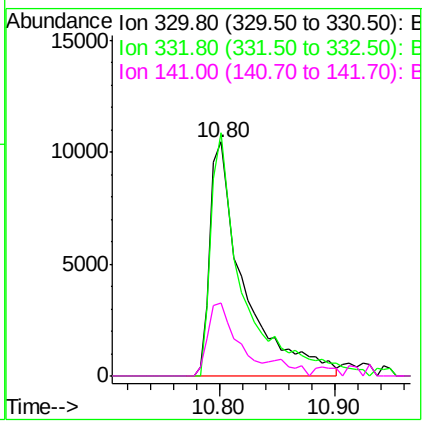


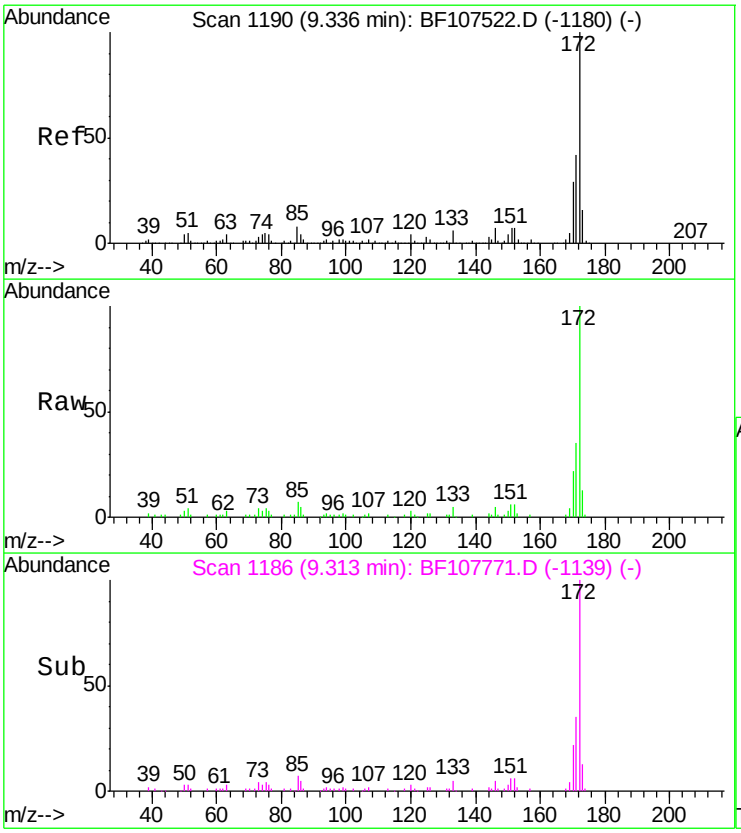
#41
2,4,6-Tribromophenol
Concen: 8.243 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion:330 Resp: 21530

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	26.6	29.9	44.9#

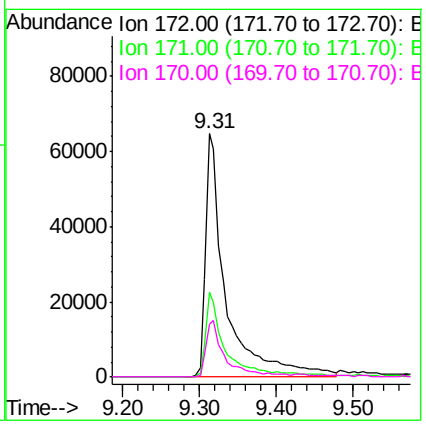


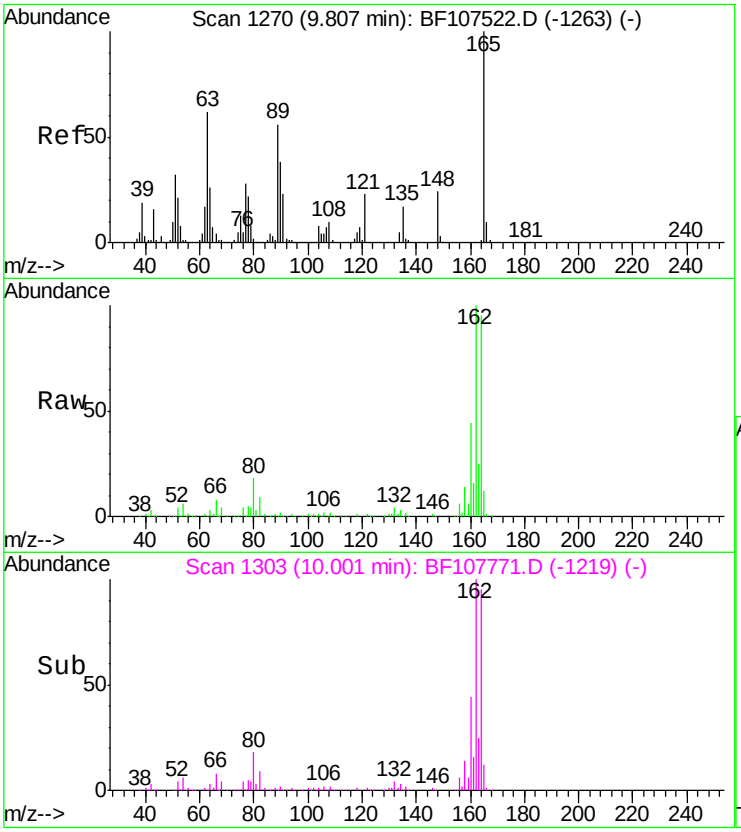


#44
2-Fluorobiphenyl
Concen: 3.109 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:172 Resp: 119194

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	22.0	19.6	29.4



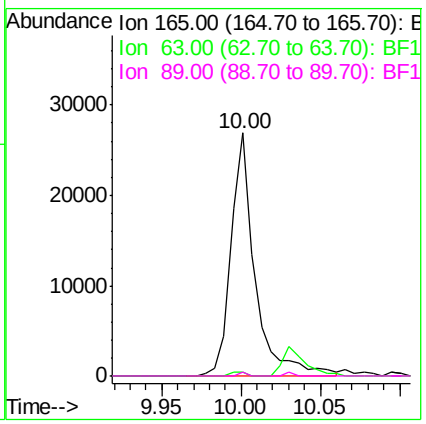


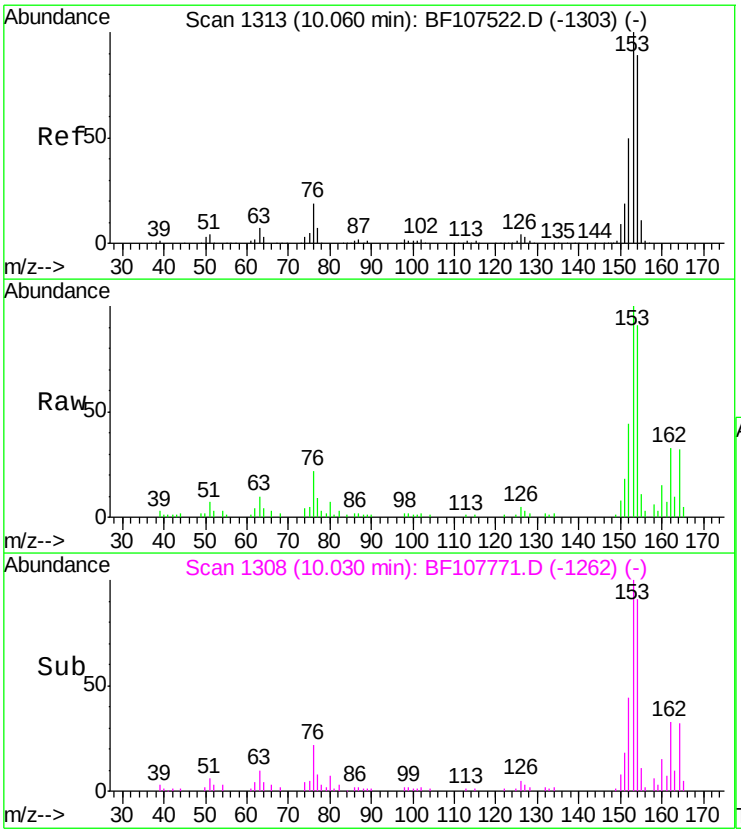
#50
2,6-Dinitrotoluene
Concen: 8.300 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion:165 Resp: 28525

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.0	44.0	66.0#

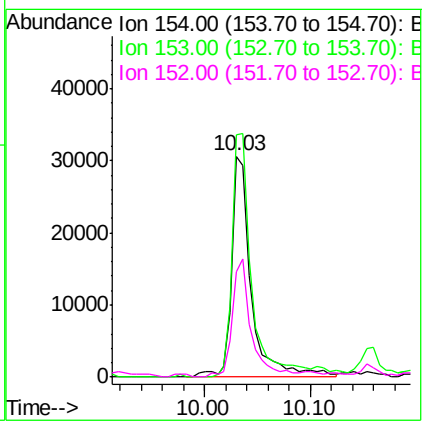


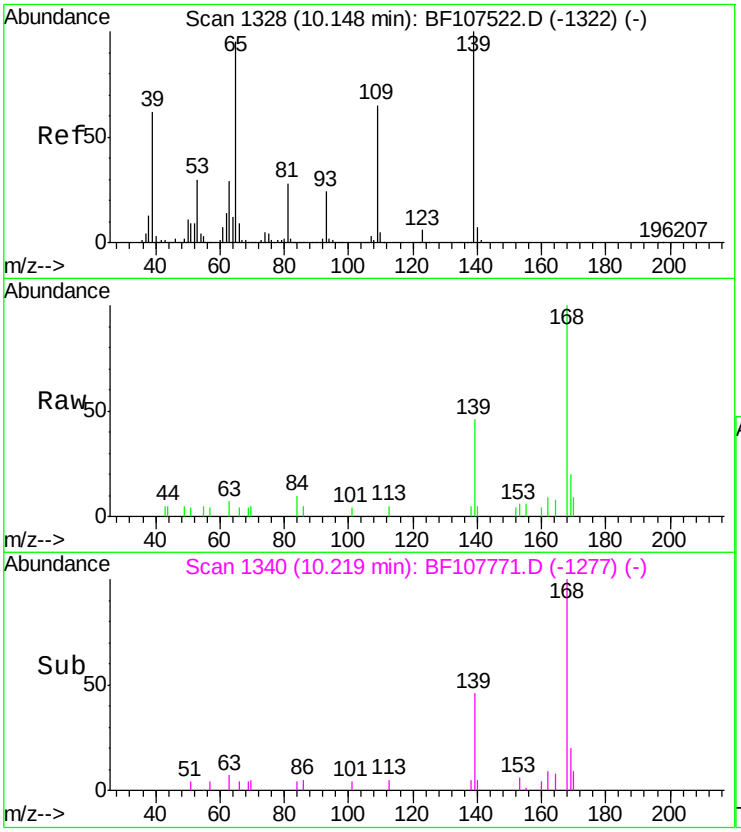


#51
Acenaphthene
Concen: 2.712 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:154 Resp: 39039

Ion	Ratio	Lower	Upper
154	100		
153	109.4	91.2	136.8
152	47.9	43.8	65.8



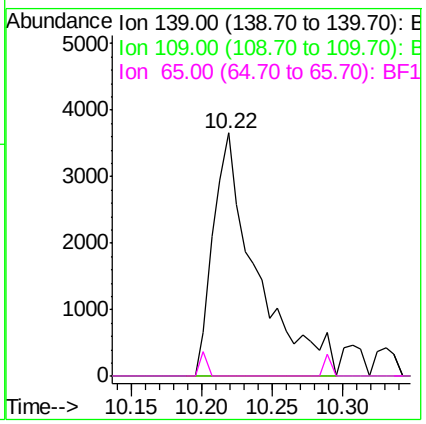


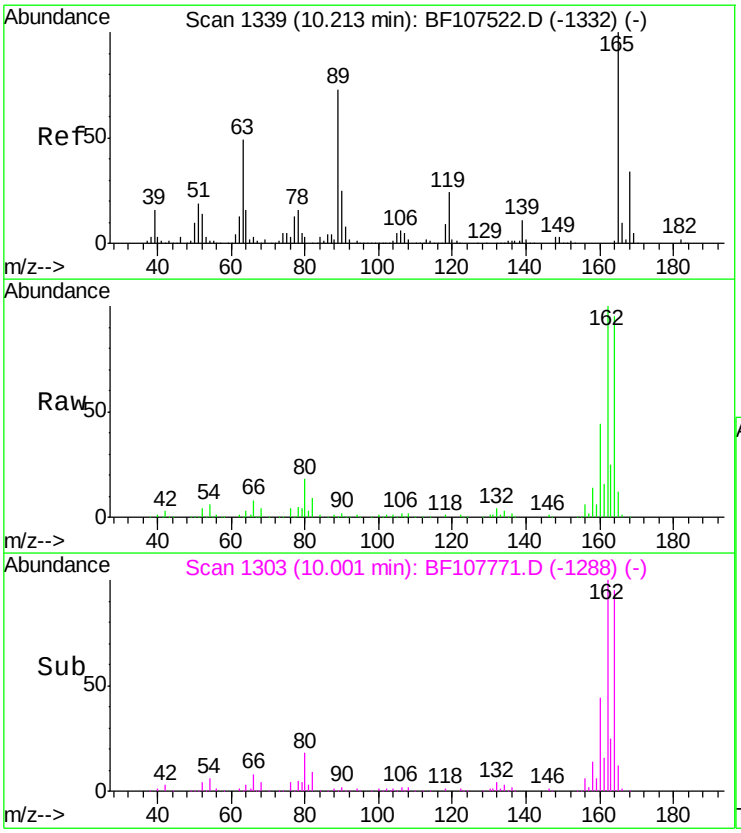
#55
4-Nitrophenol
Concen: 2.503 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.07 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion:139 Resp: 7836

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

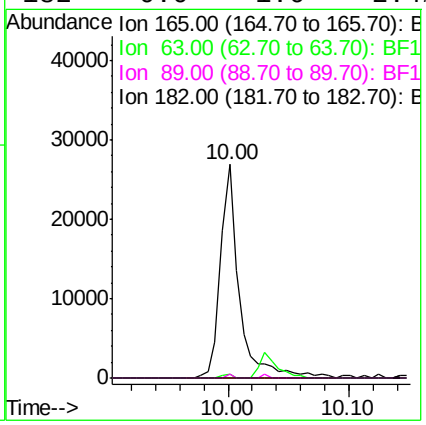


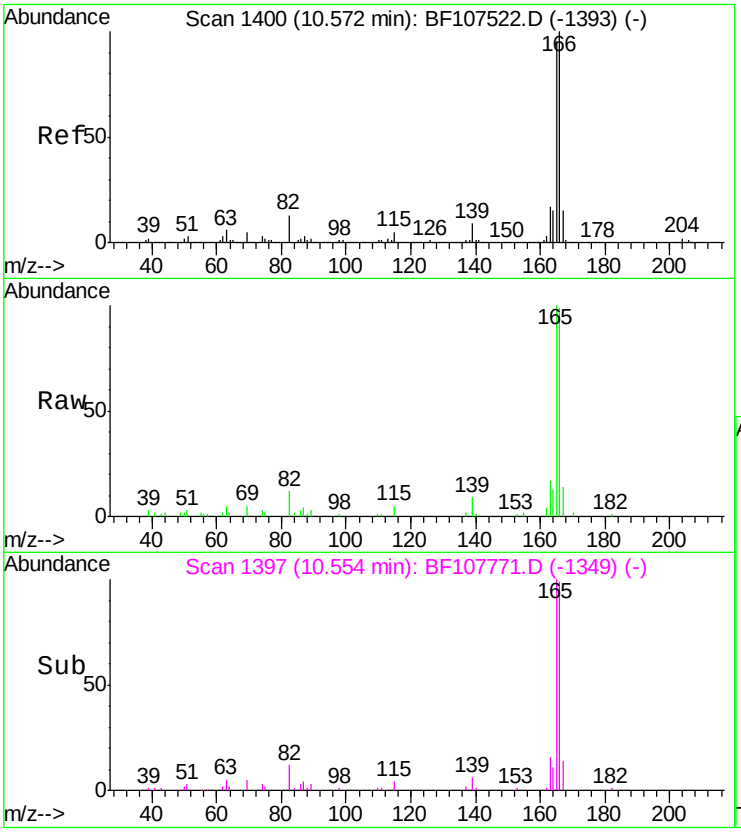


#56
2,4-Dinitrotoluene
Concen: 7.034 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:165 Resp: 29180

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



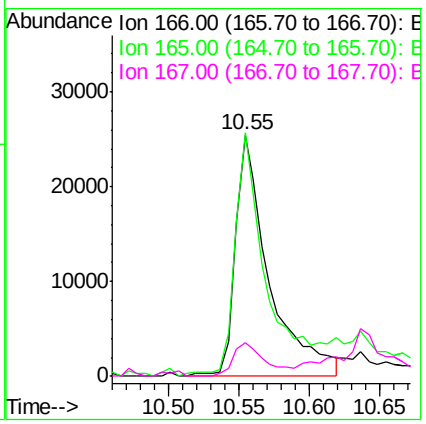


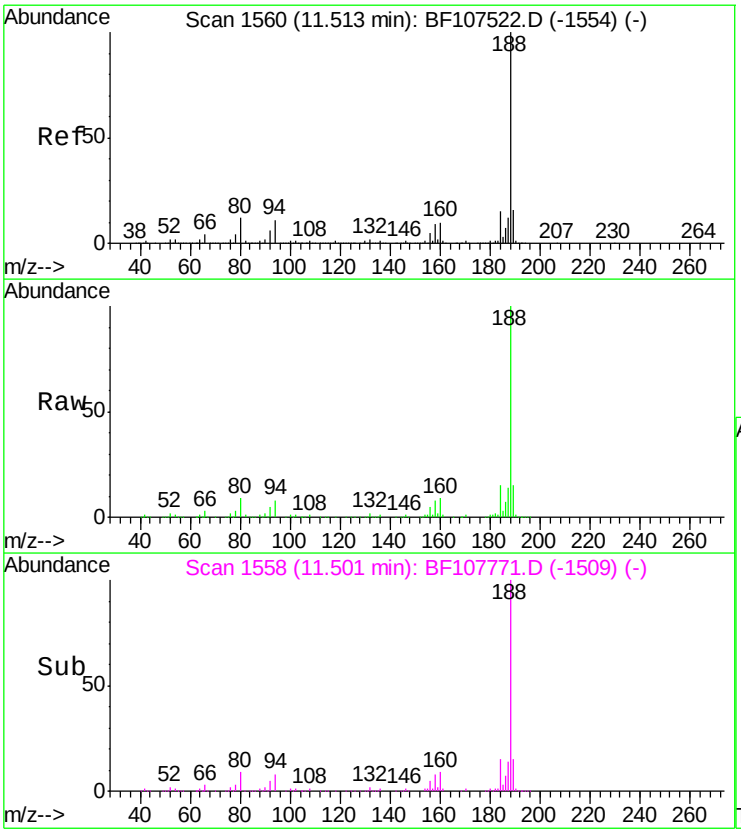
#57
Fluorene
Concen: 2.801 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion:166 Resp: 42346

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	13.9	10.6	16.0

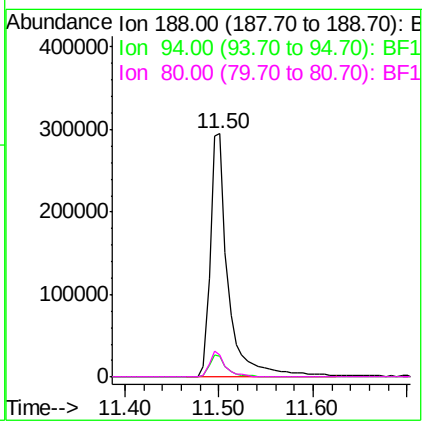


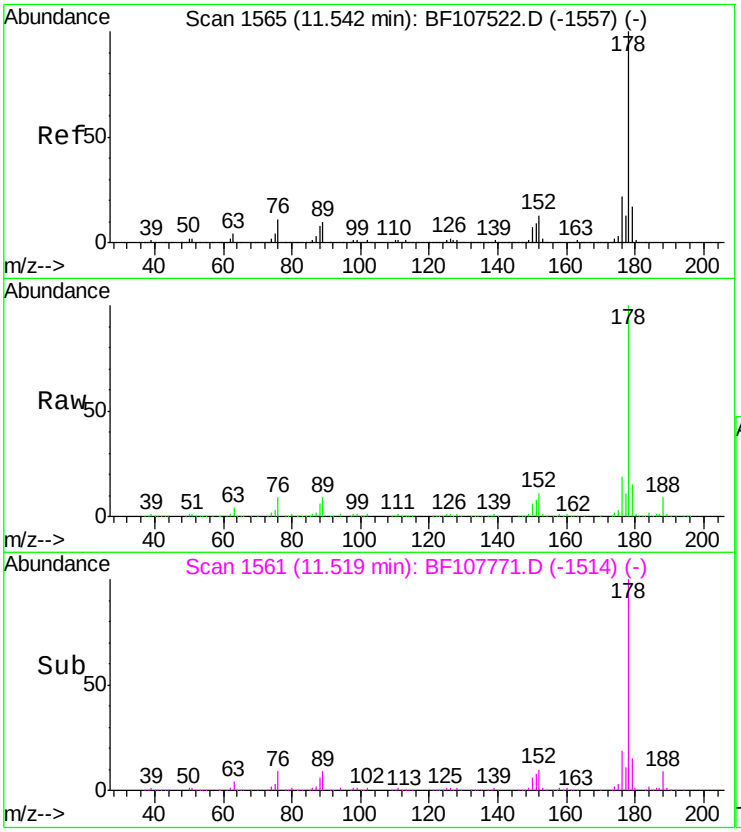


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:188 Resp: 401311

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.1	9.2	13.8#



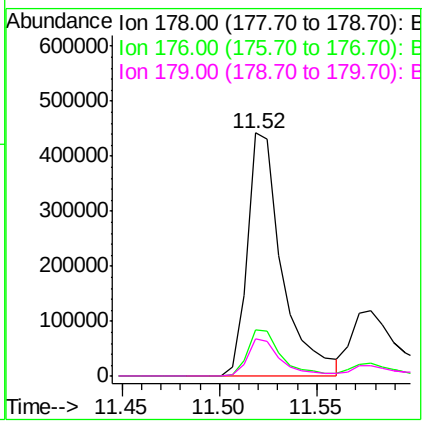


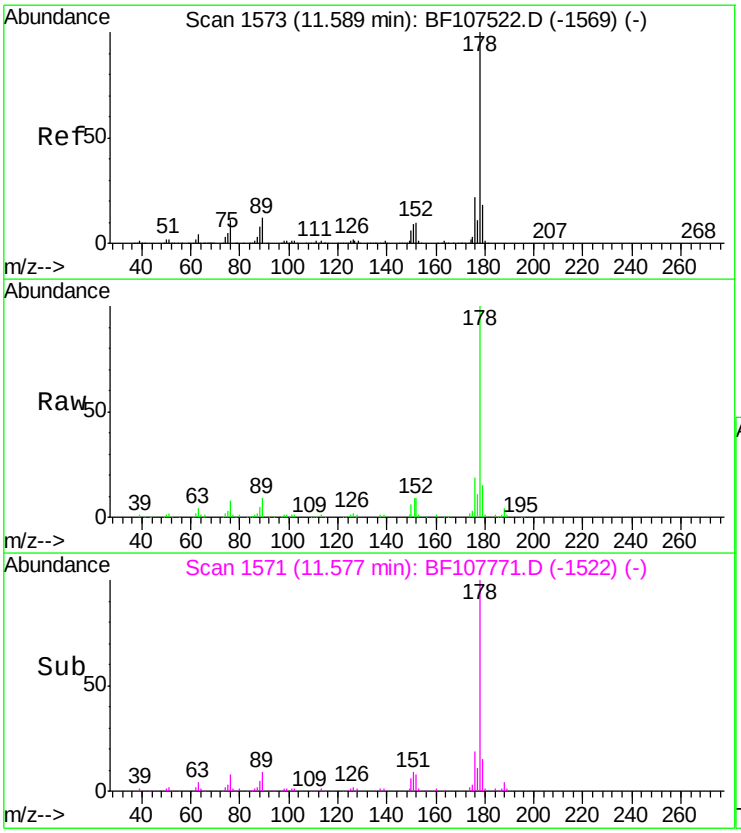
#70
Phenanthrene
Concen: 27.953 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion:178 Resp: 546647

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.3	13.0	19.6

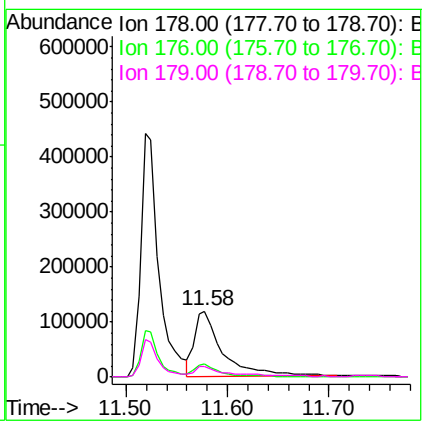


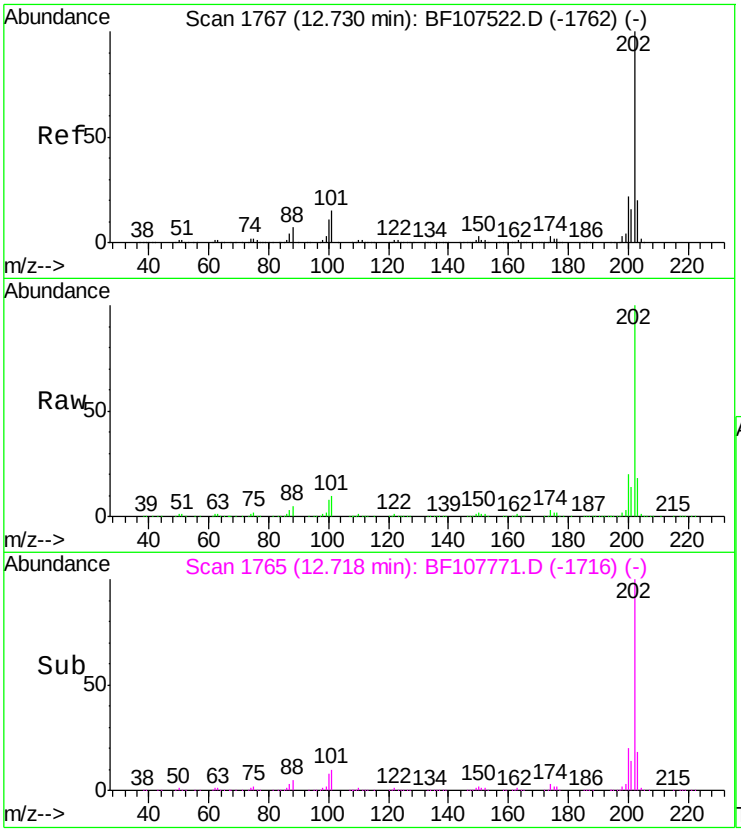


#71
Anthracene
Concen: 11.568 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:178 Resp: 227781

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.6	19.0



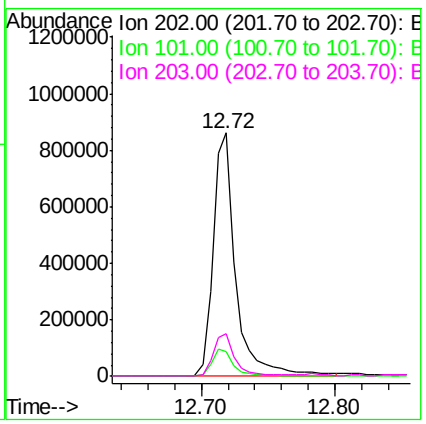


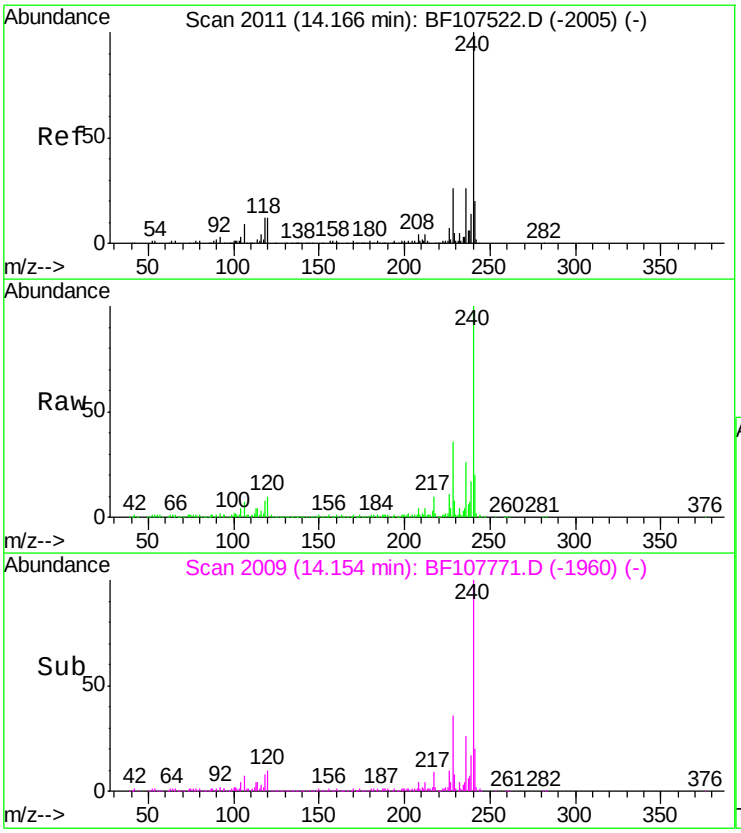
#74
Fluoranthene
Concen: 48.629 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion:202 Resp: 1020489

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.6	0.0	38.1

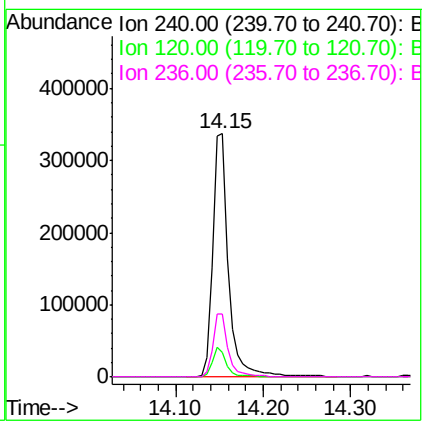


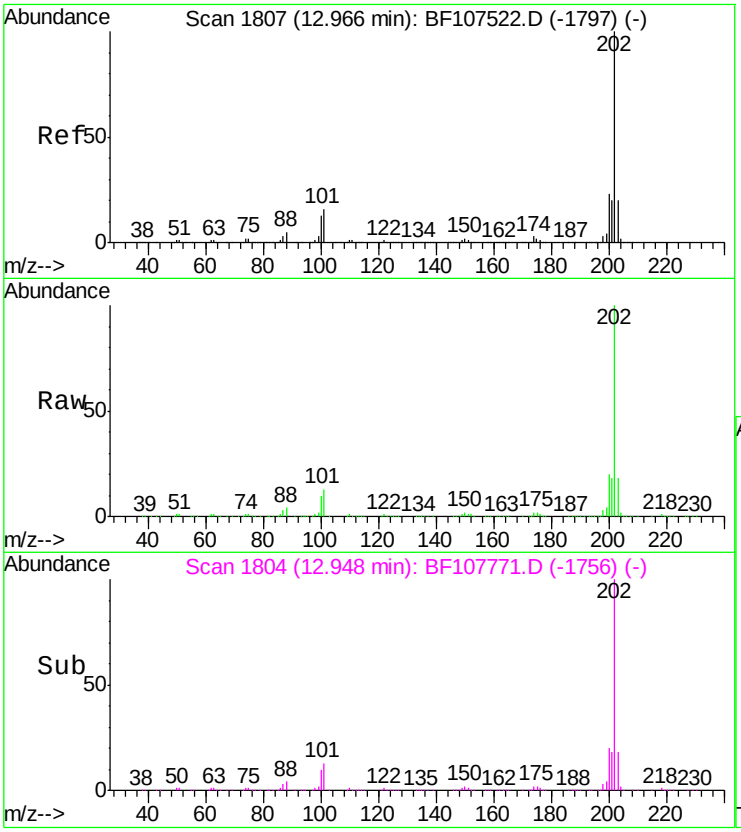


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:240 Resp: 423589

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.1	20.7	31.1



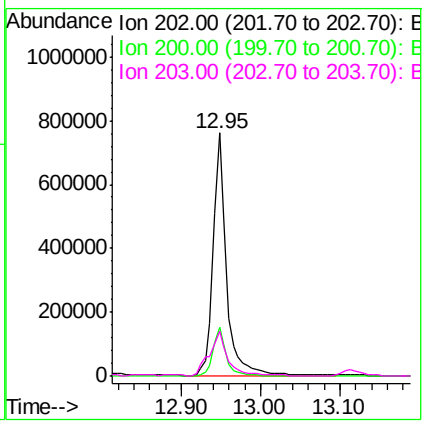


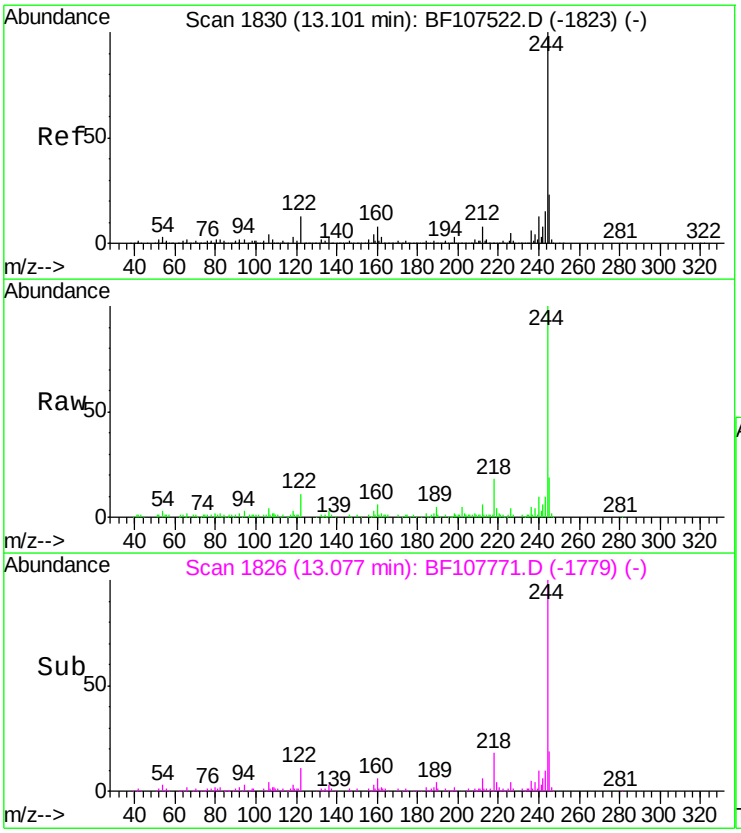
#77
Pyrene
Concen: 30.775 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion:202 Resp: 891679

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	18.5	14.3	21.5

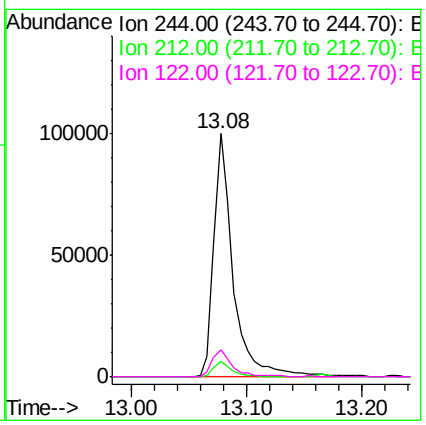


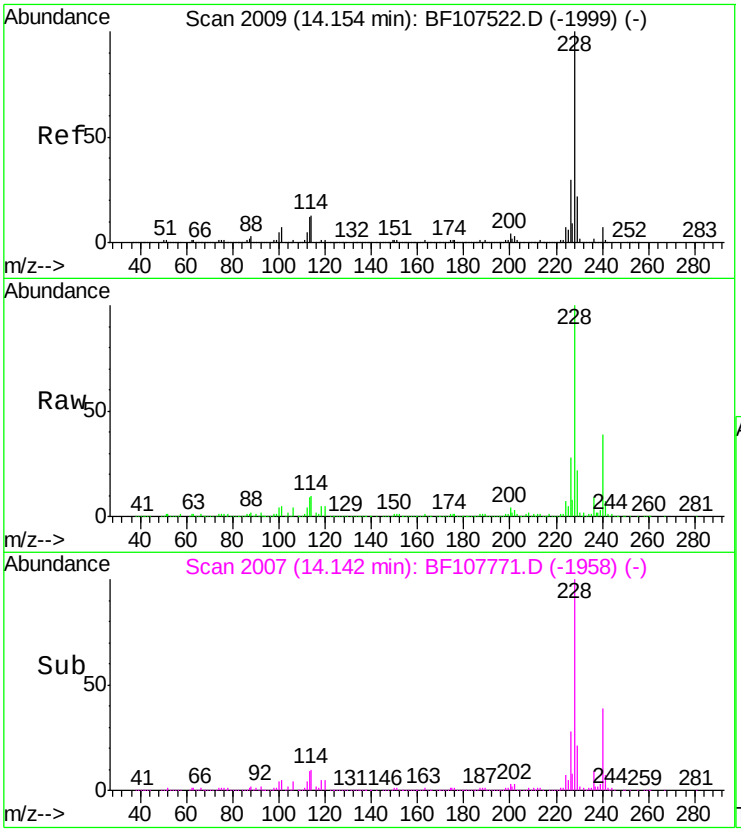


#78
Terphenyl-d14
Concen: 7.040 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:244 Resp: 116484

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	11.3	11.0	16.4



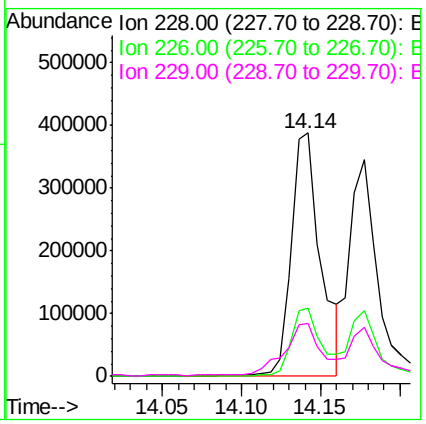


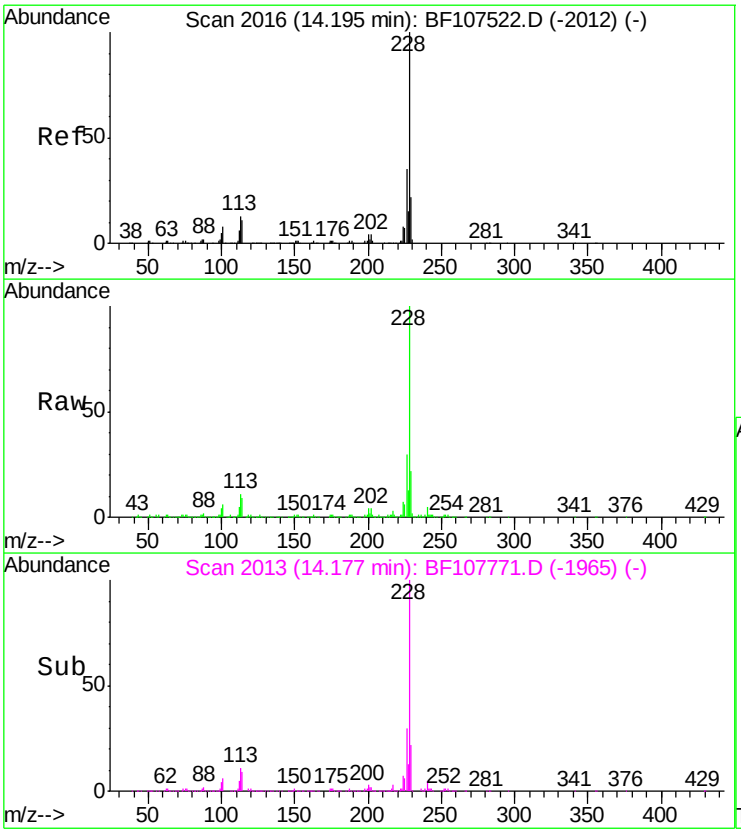
#80
Benzo(a)anthracene
Concen: 19.978 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion:228 Resp: 495919

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	21.7	15.8	23.6

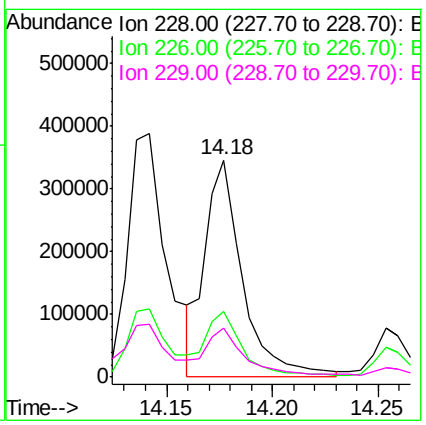


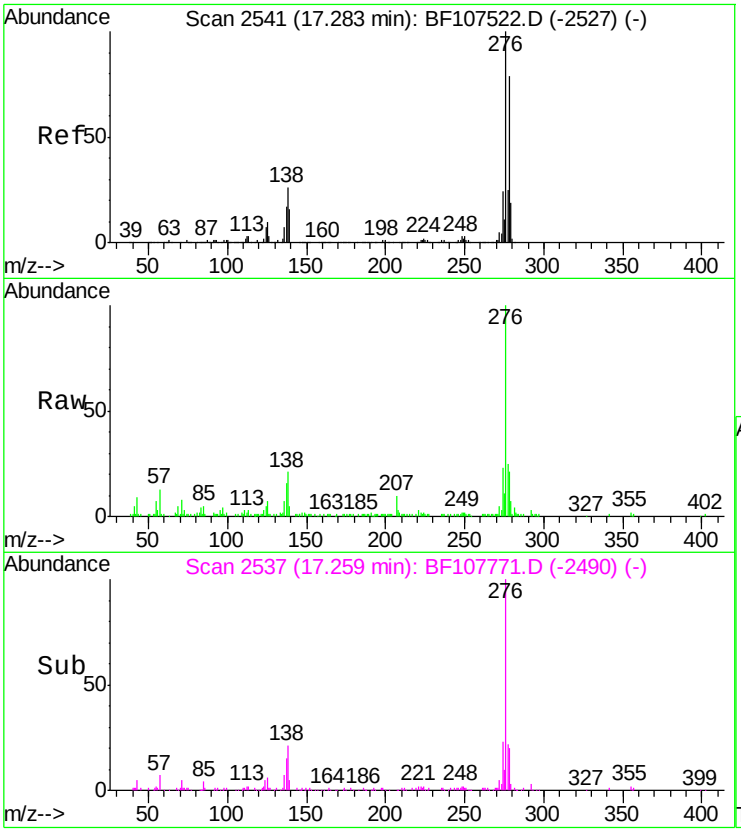


#82
Chrysene
Concen: 17.997 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:228 Resp: 429137

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.4	16.2	24.4



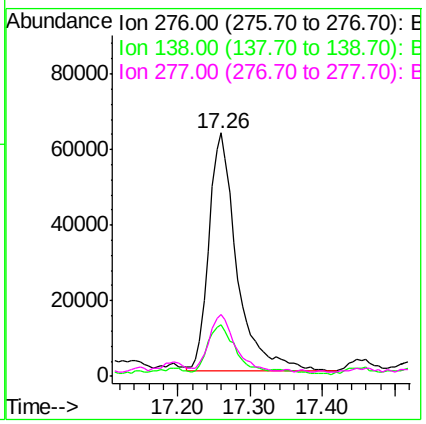


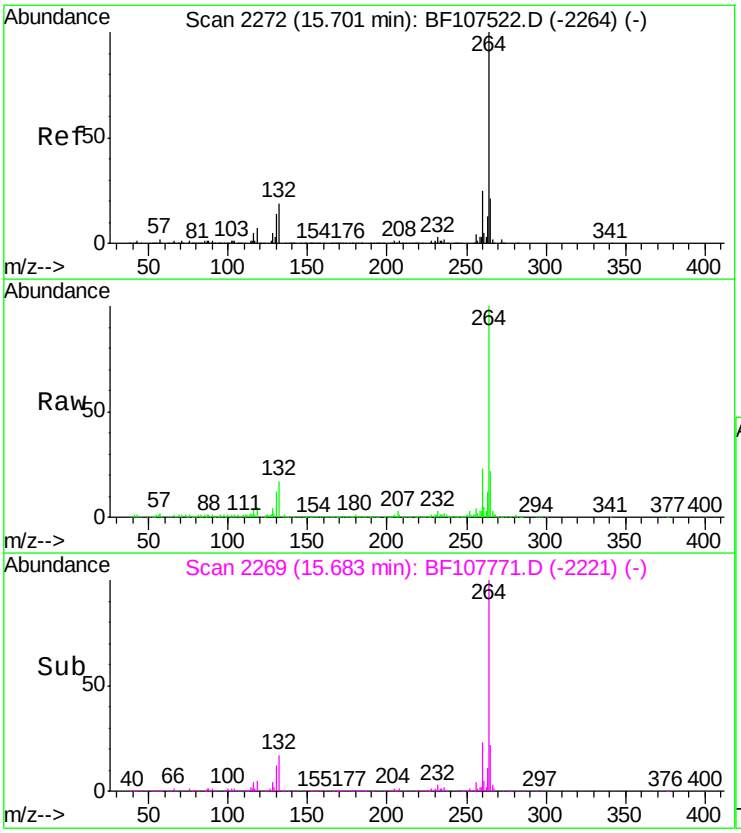
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.425 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion:276 Resp: 170274

Ion	Ratio	Lower	Upper
276	100		
138	20.0	25.0	37.6#
277	23.1	20.1	30.1

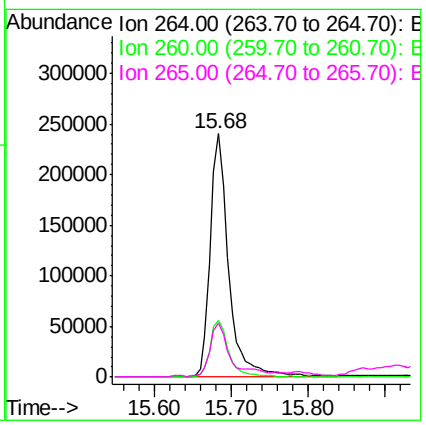


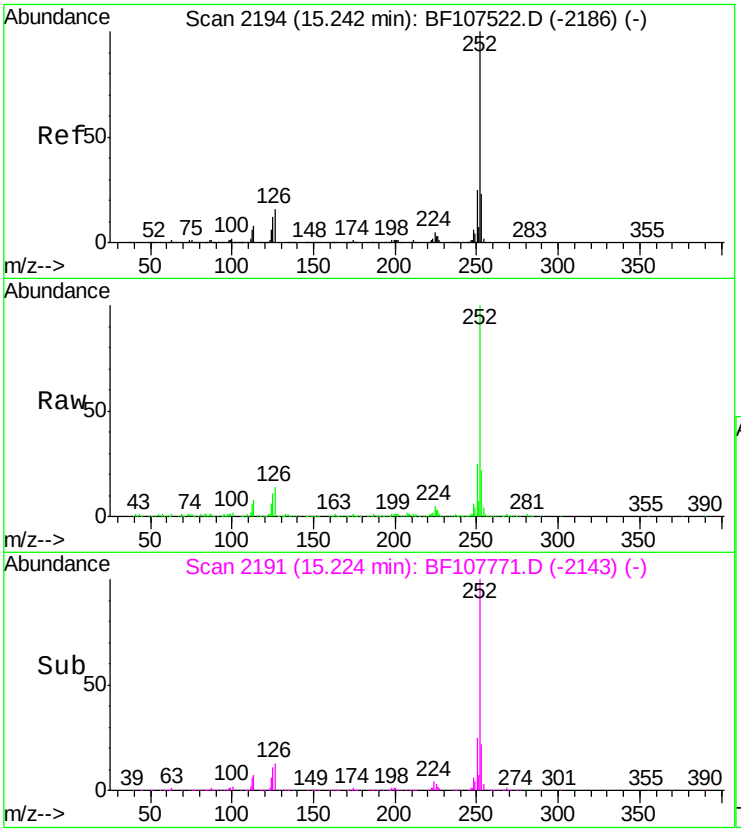


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:264 Resp: 396334

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.2	17.5	26.3



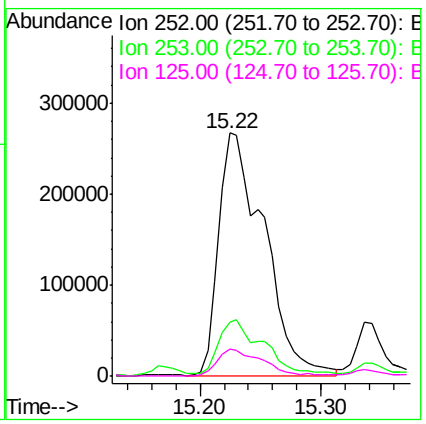


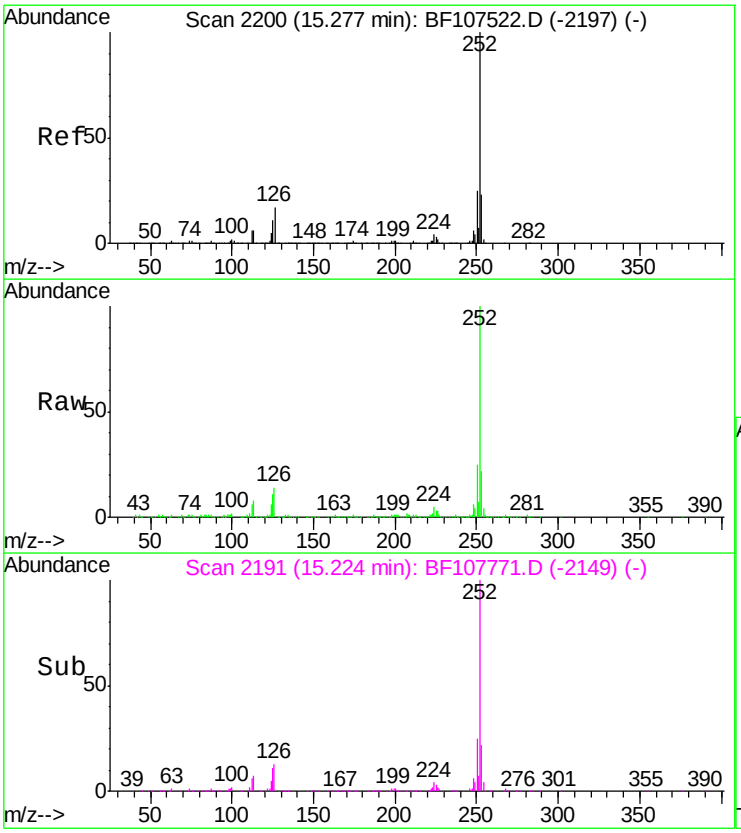
#87
Benzo(b)fluoranthene
Concen: 31.922 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion:252 Resp: 692420

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.0	9.0	13.6

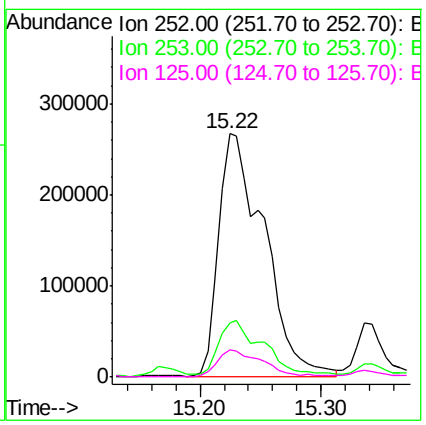


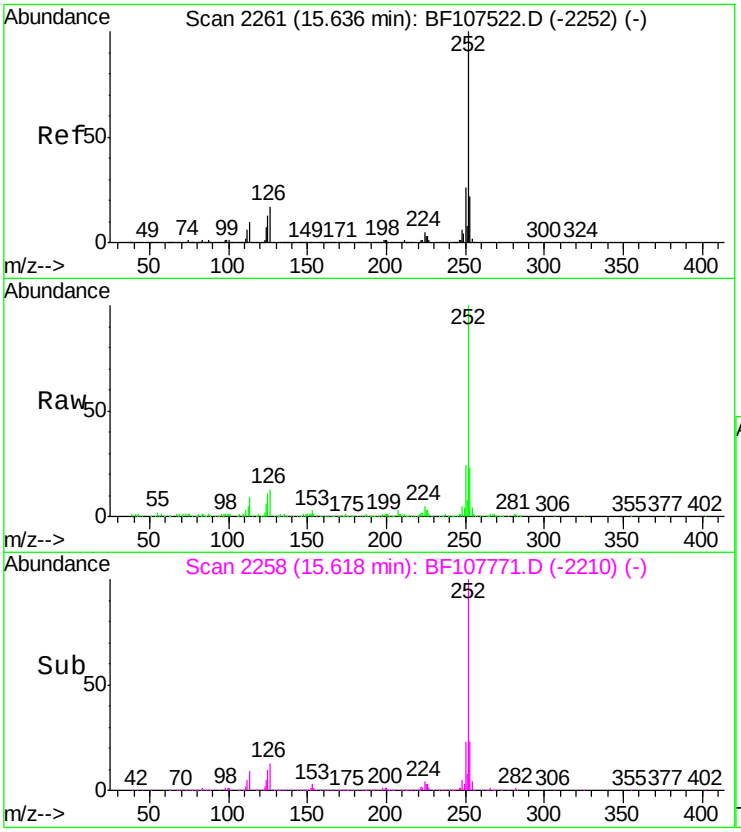


#88
Benzo(k)fluoranthene
Concen: 32.583 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.05 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:252 Resp: 692420

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	11.0	10.2	15.2



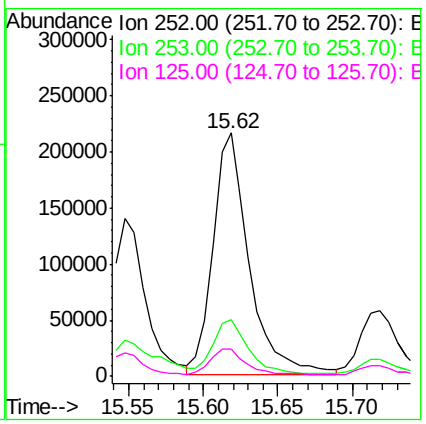


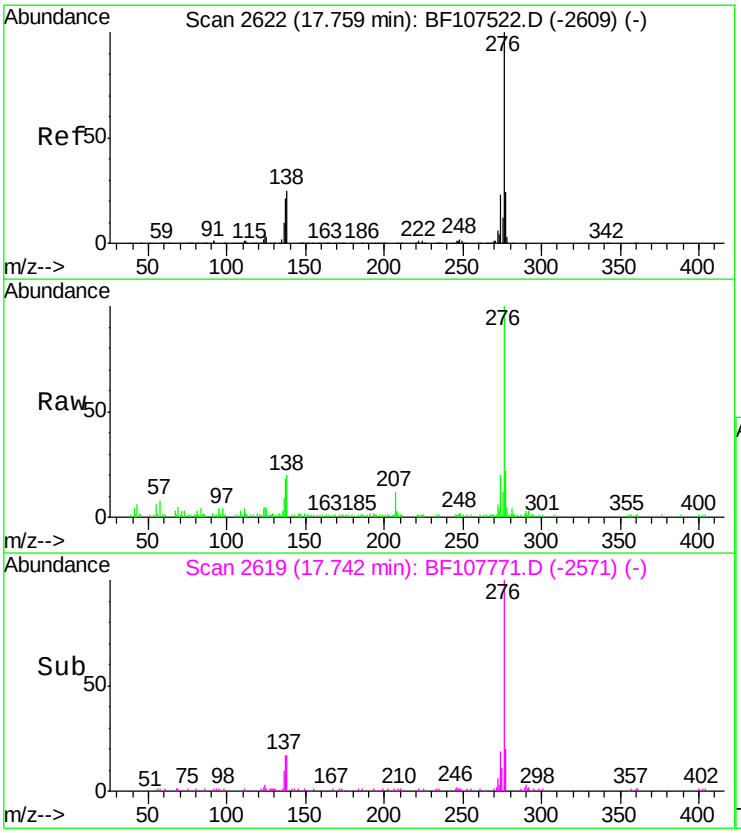
#89
Benzo(a)pyrene
Concen: 18.443 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)DL

Tgt Ion:252 Resp: 365932

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	11.0	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 9.181 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF107771.D
Acq: 28 Jul 2018 3:22

Tgt Ion:276 Resp: 155316

Ion	Ratio	Lower	Upper
276	100		
277	22.3	17.9	26.9
138	20.3	21.8	32.8#