Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107171.D
Acq On : 6 Jul 2018 14:32
Operator : JU/SJ
Sample : J3826-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-070218

Quant Time: Jul 06 15:10:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56979	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	235156	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	121317	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	232540	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	170349	20.00	ng		-0.03
86) Perylene-d12	15.67	264	178794	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	306253	91.01	ng		-0.01
7) Phenol-d6	6.59	99	400963	95.42	ng		-0.02
23) Nitrobenzene-d5	7.51	82	247481	58.49	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	121024	86.07	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	479765	63.14	ng		-0.02
78) Terphenyl-d14	13.07	244	498387	70.87	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	31585	11.403	ng	#	75
25) Isophorone	7.51	82	247479	33.190	ng	#	64
49) Dimethylphthalate	9.70	163	80325	8.828	ng		99
56) 2,4-Dinitrotoluene	9.98	165	15013	5.970	ng	#	21
66) 4-Bromophenyl-phenylether	10.78	248	7243	2.610	ng	#	1
70) Phenanthrene	11.50	178	46551	4.150	ng		98
74) Fluoranthene	12.70	202	105015	8.495	ng		94
77) Pyrene	12.93	202	135255	12.041	ng		98
80) Benzo(a)anthracene	14.12	228	76840	7.401	ng		94
82) Chrysene	14.16	228	78647	8.234	ng		98
85) Indeno(1,2,3-cd)pyrene	17.24	276	39048	4.817	ng	#	88
87) Benzo(b)fluoranthene	15.21	252	130015	11.706	ng		97
88) Benzo(k)fluoranthene	15.21	252	130015	12.293	ng		97
89) Benzo(a)pyrene	15.60	252	76016	7.699	ng		95
91) Benzo(g,h,i)perylene	17.73	276	36699	4.487	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
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Sample : J3826-01
Misc :
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OK-03-070218

Quant Time: Jul 06 15:10:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
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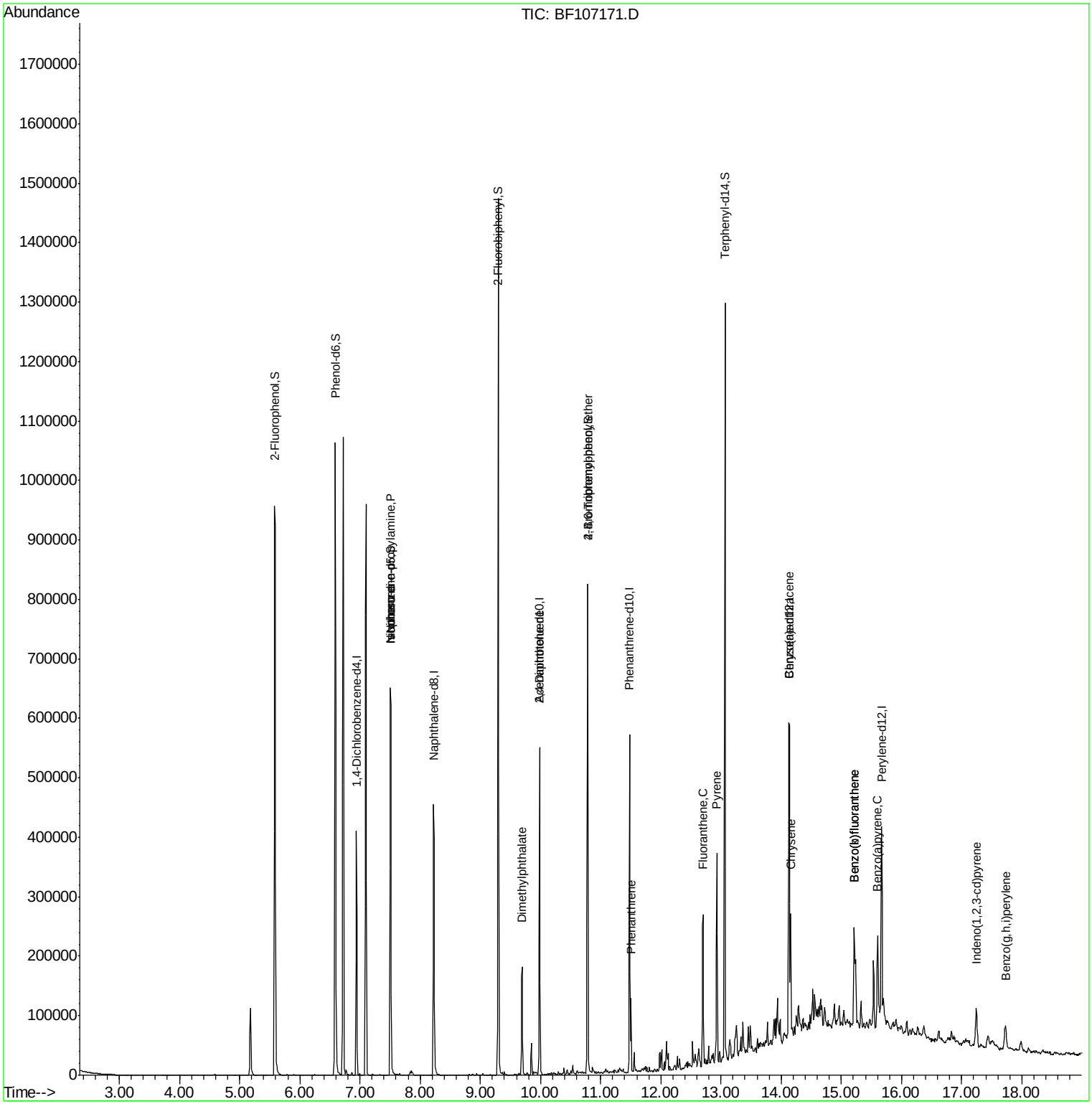
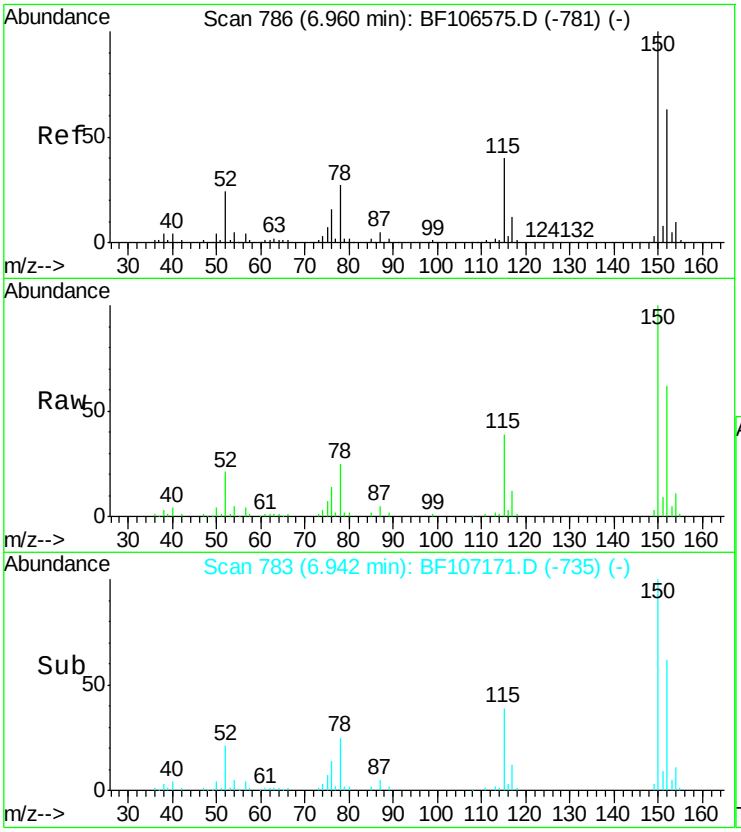


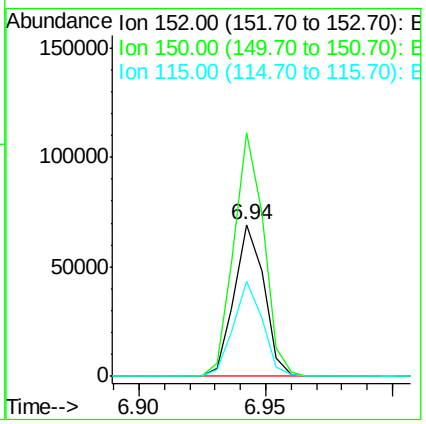


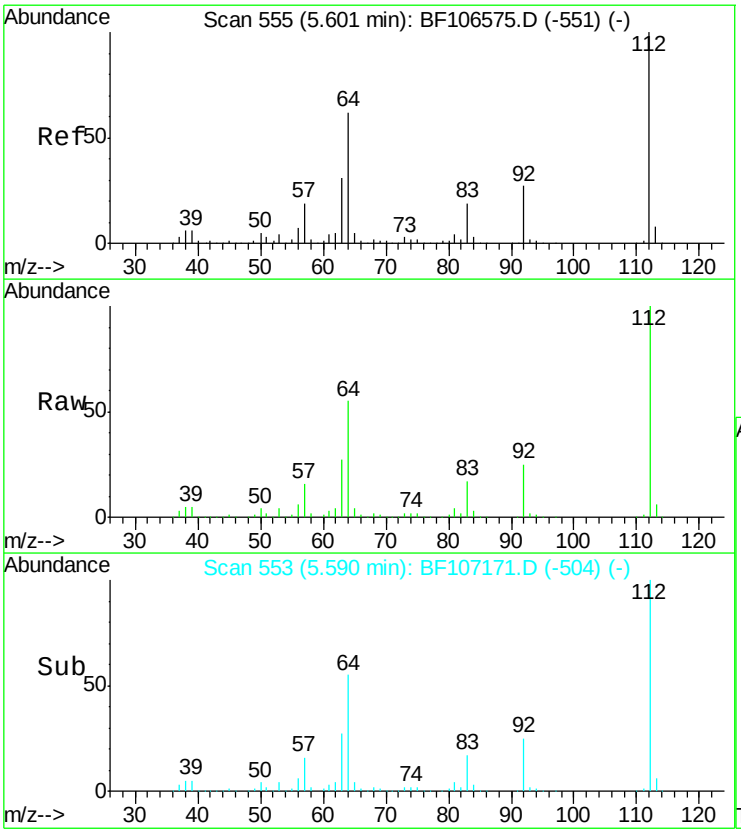
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion:152 Resp: 56979

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	62.9	50.1	75.1

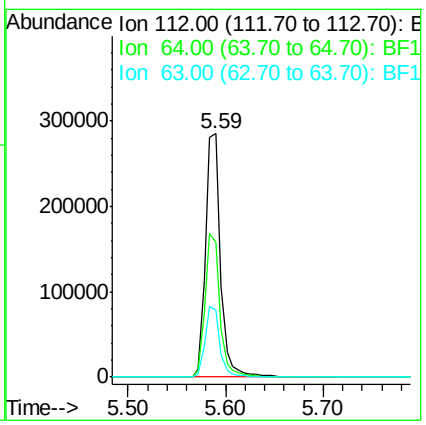


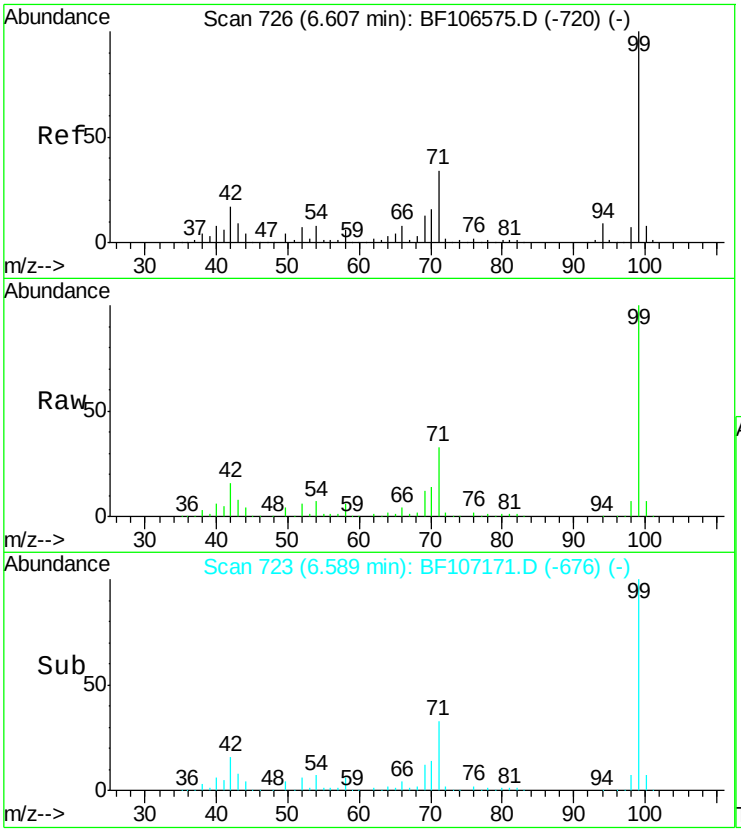


#5
2-Fluorophenol
Concen: 91.013 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion:112 Resp: 306253

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	27.5	23.7	35.5



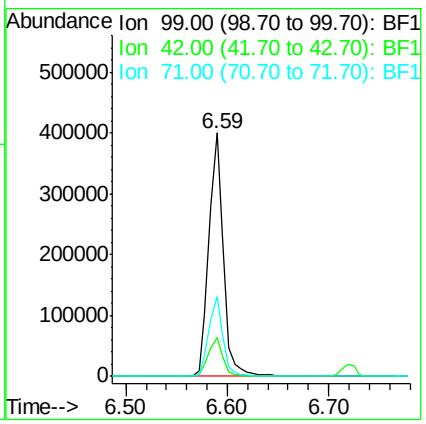


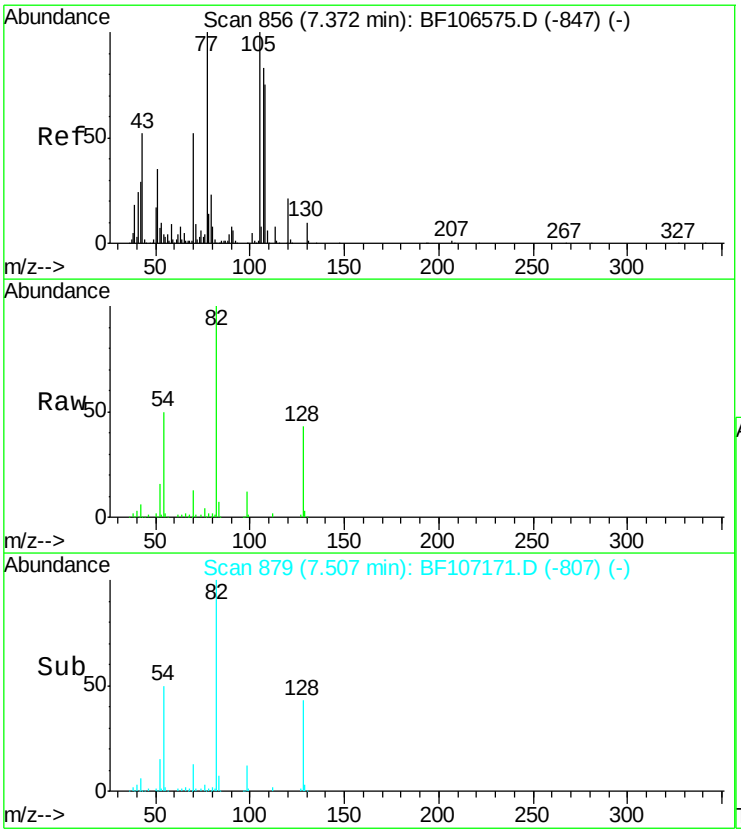
#7
Phenol-d6
Concen: 95.419 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion: 99 Resp: 400963

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	33.0	25.4	38.0

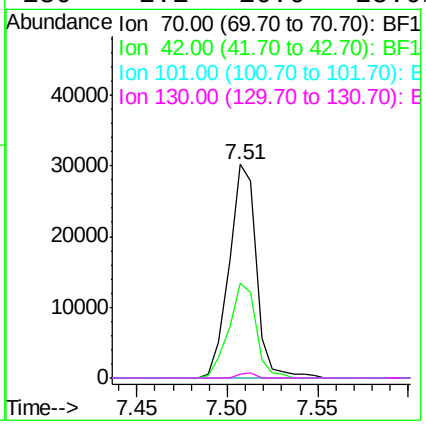


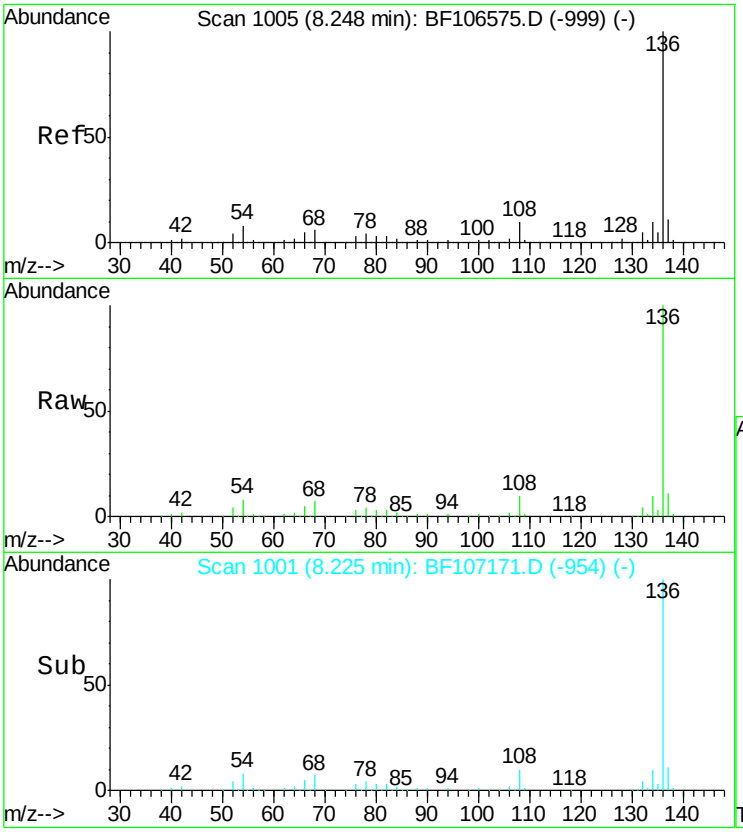


#19
n-Nitroso-di-n-propylamine
Concen: 11.403 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion: 70 Resp: 31585

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



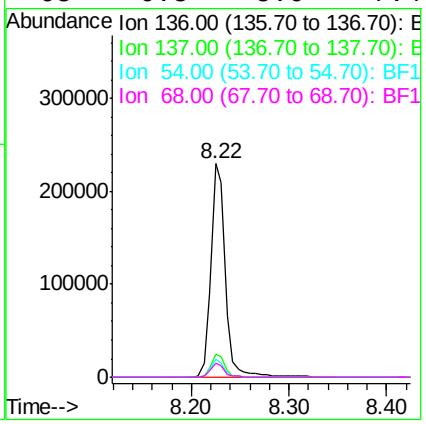


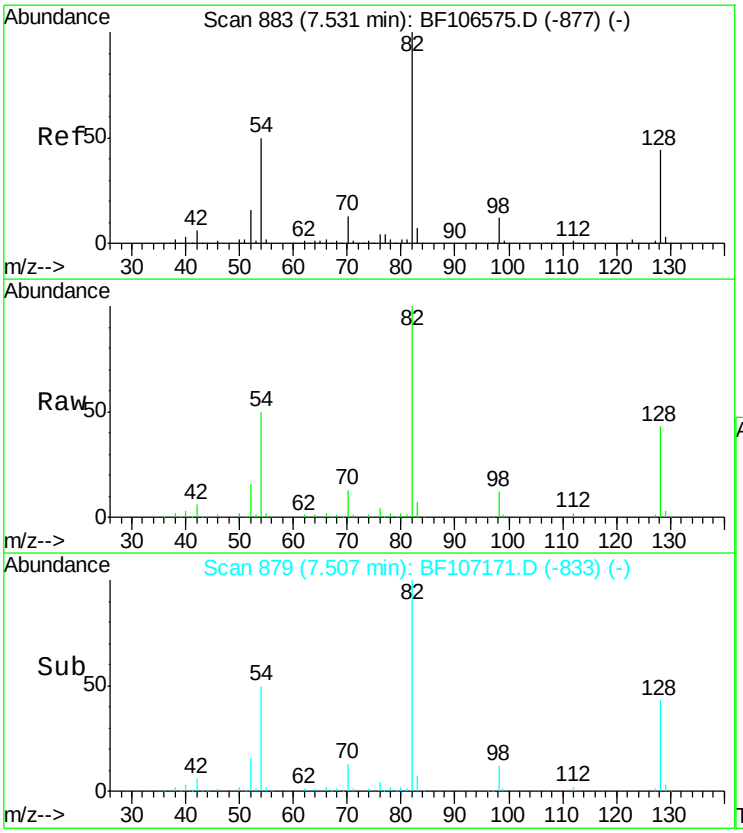
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion:136 Resp: 235156

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	6.6	9.8
68	6.8	5.0	7.4

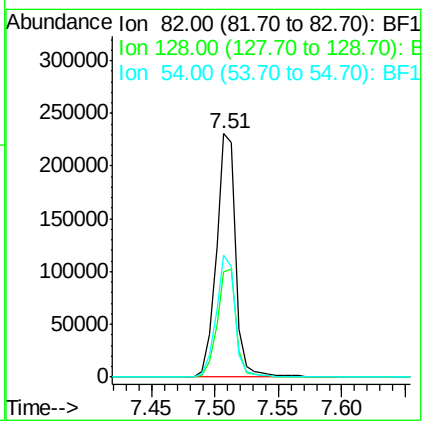


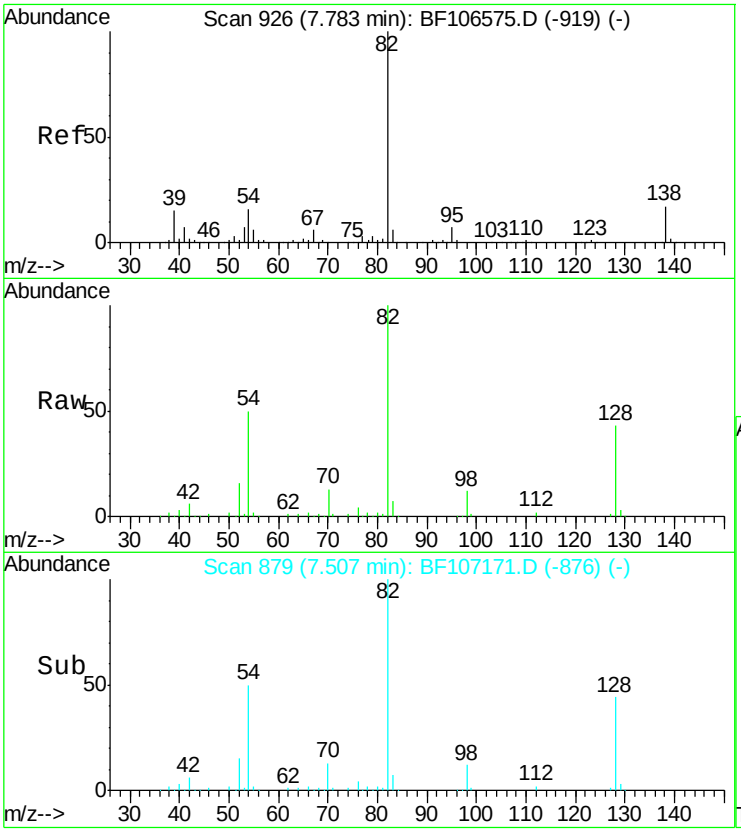


#23
Nitrobenzene-d5
Concen: 58.486 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion: 82 Resp: 247481

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	50.2	41.4	62.2



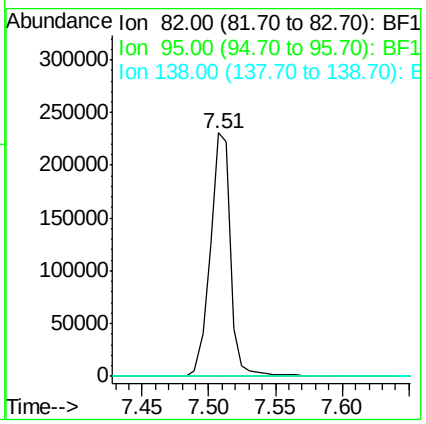


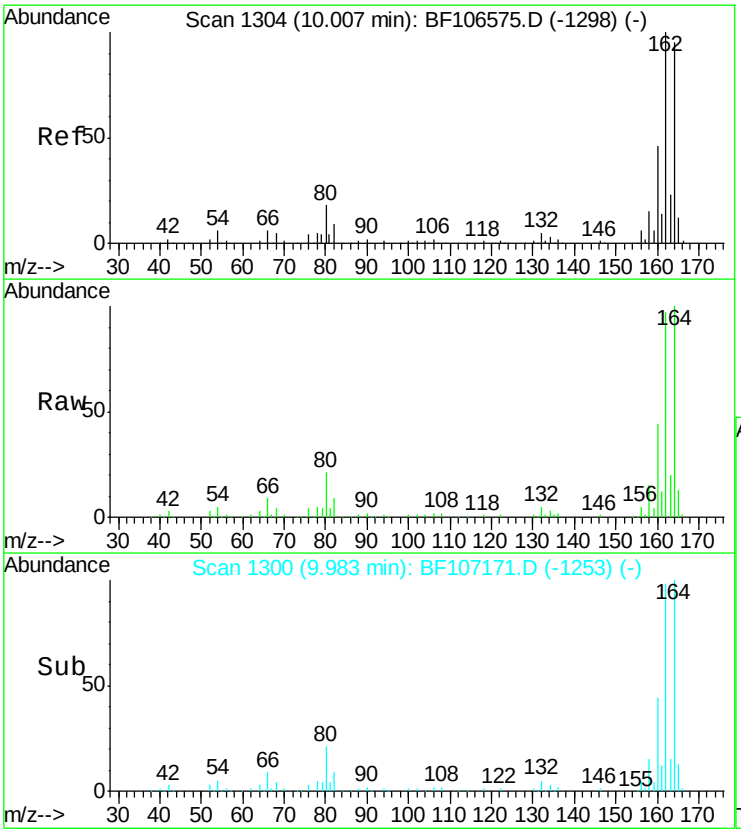
#25
Isophorone
Concen: 33.190 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion: 82 Resp: 247479

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

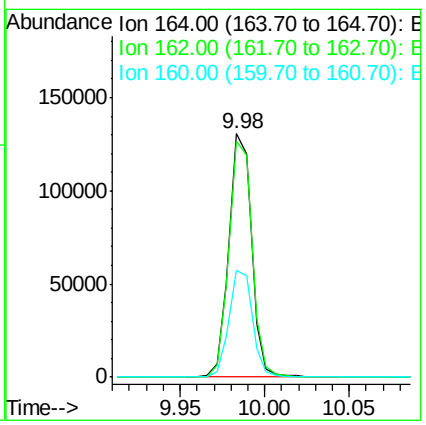


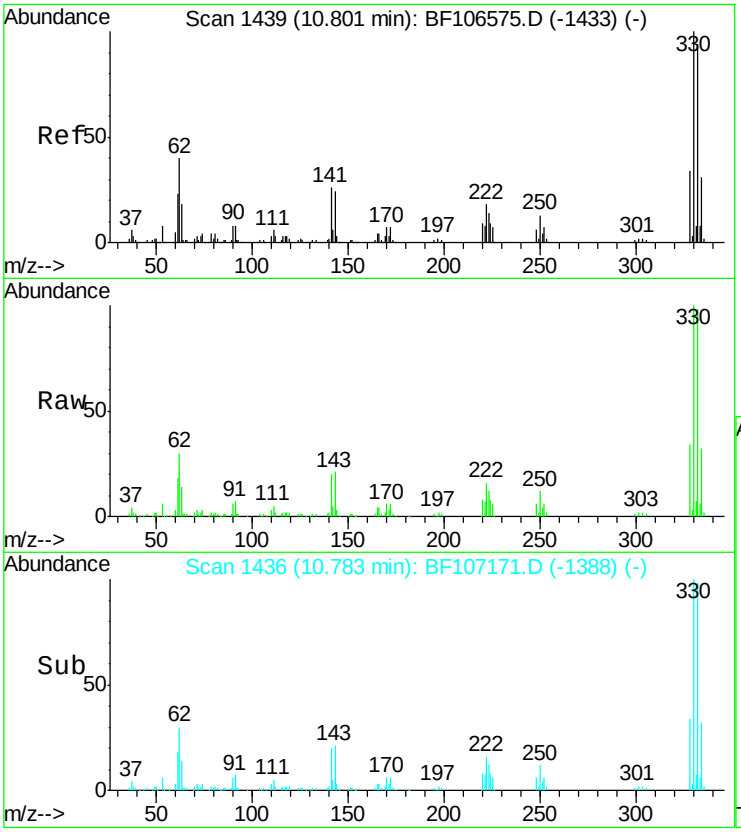


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion:164 Resp: 121317

Ion	Ratio	Lower	Upper
164	100		
162	97.1	86.1	129.1
160	43.9	38.3	57.5



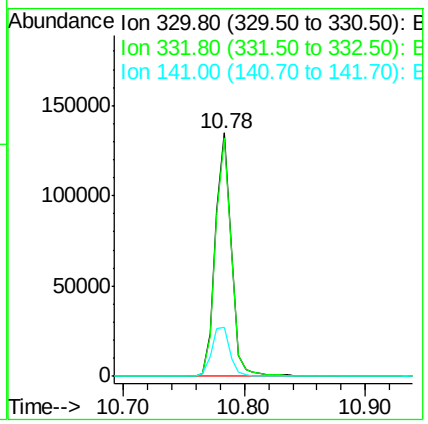


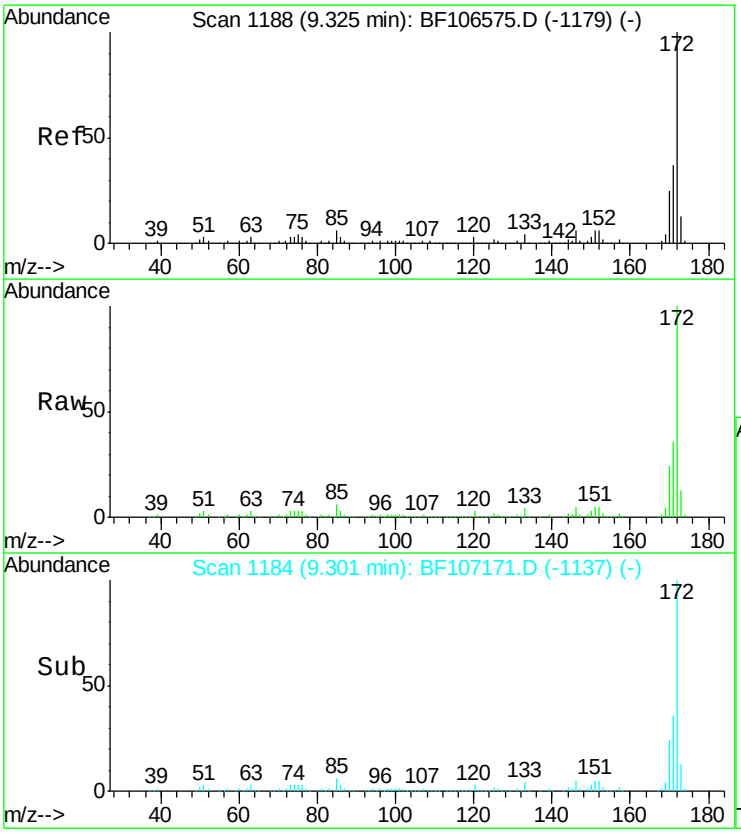
#41
2,4,6-Tribromophenol
Concen: 86.071 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion:330 Resp: 121024

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	23.3	29.9	44.9#

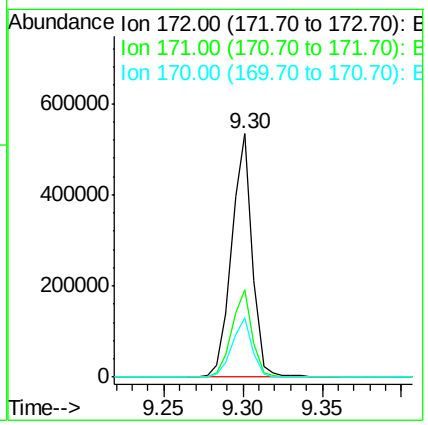


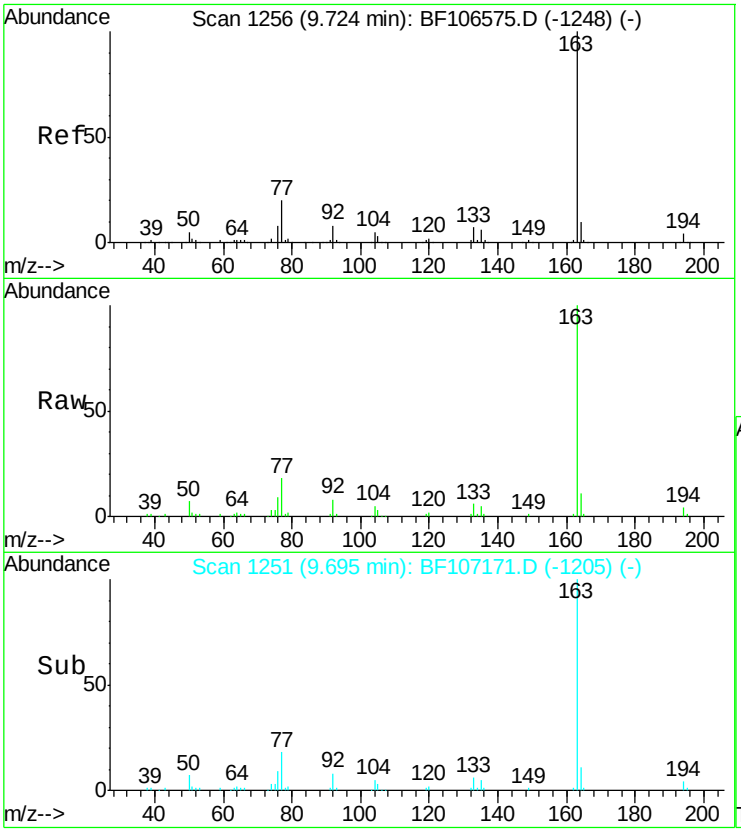


#44
2-Fluorobiphenyl
Concen: 63.144 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion:172 Resp: 479765

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4



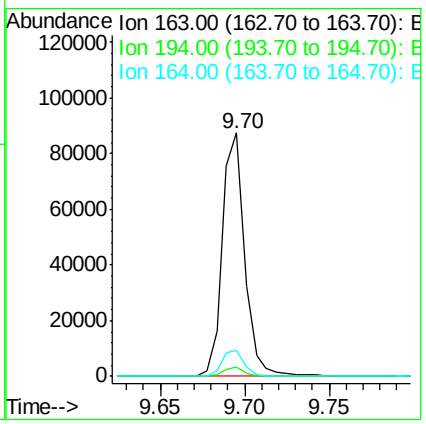


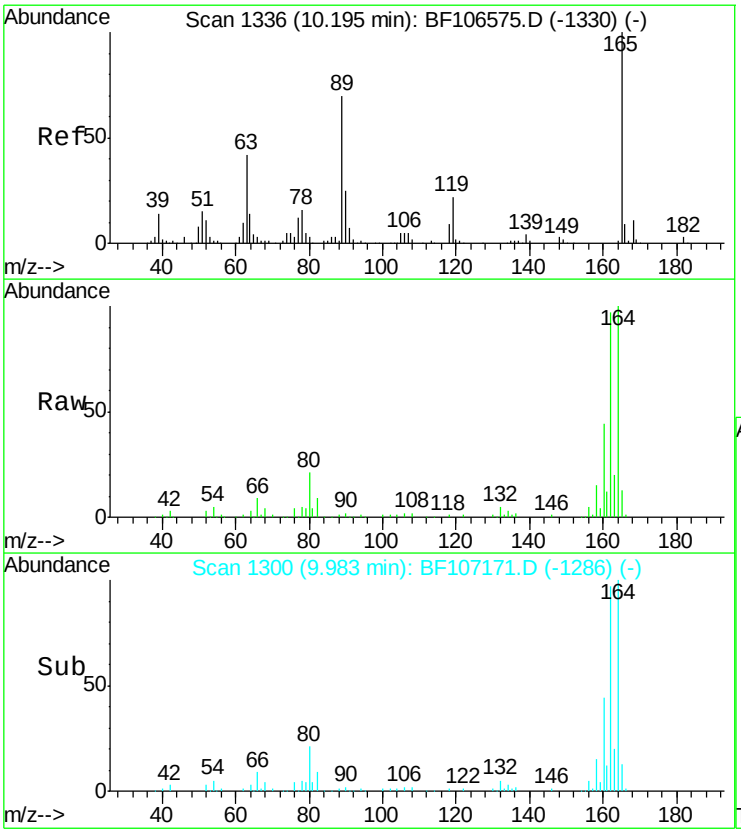
#49
Dimethylphthalate
Concen: 8.828 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion:163 Resp: 80325

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2

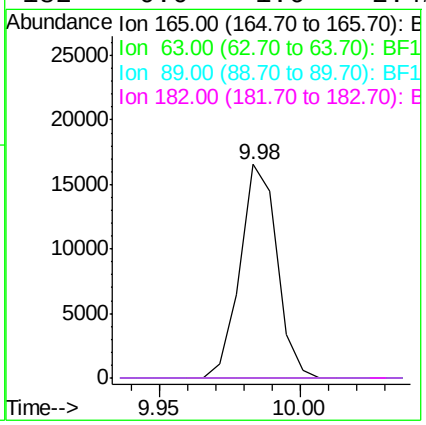


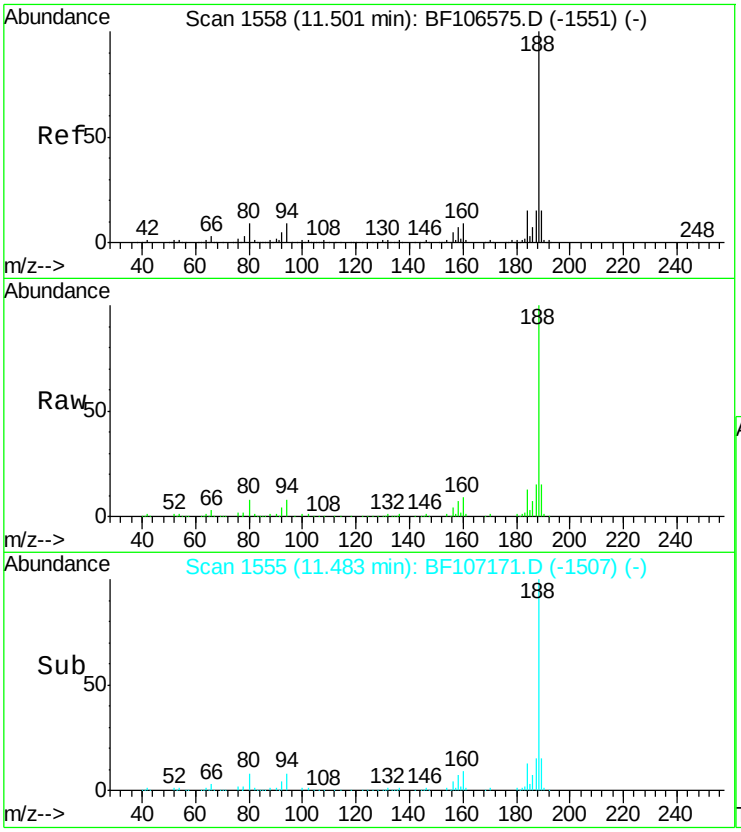


#56
2,4-Dinitrotoluene
Concen: 5.970 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion:165 Resp: 15013

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



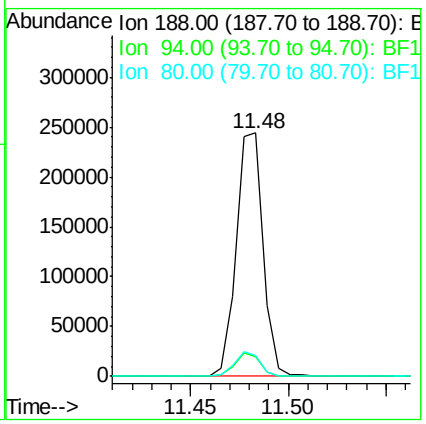


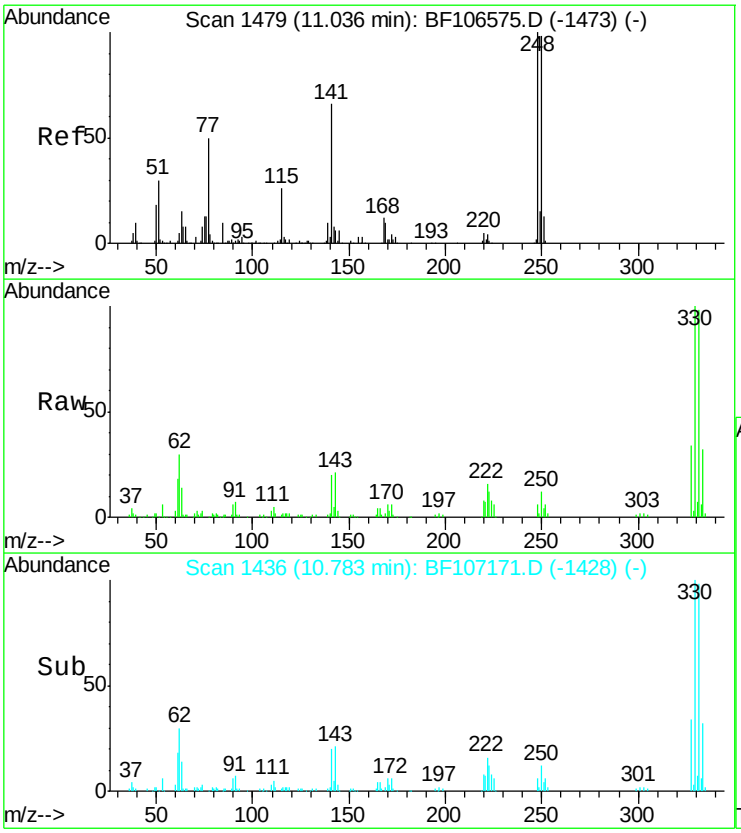
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion:188 Resp: 232540

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.5	9.2	13.8#

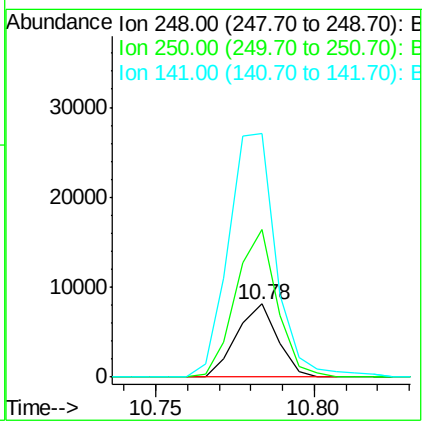


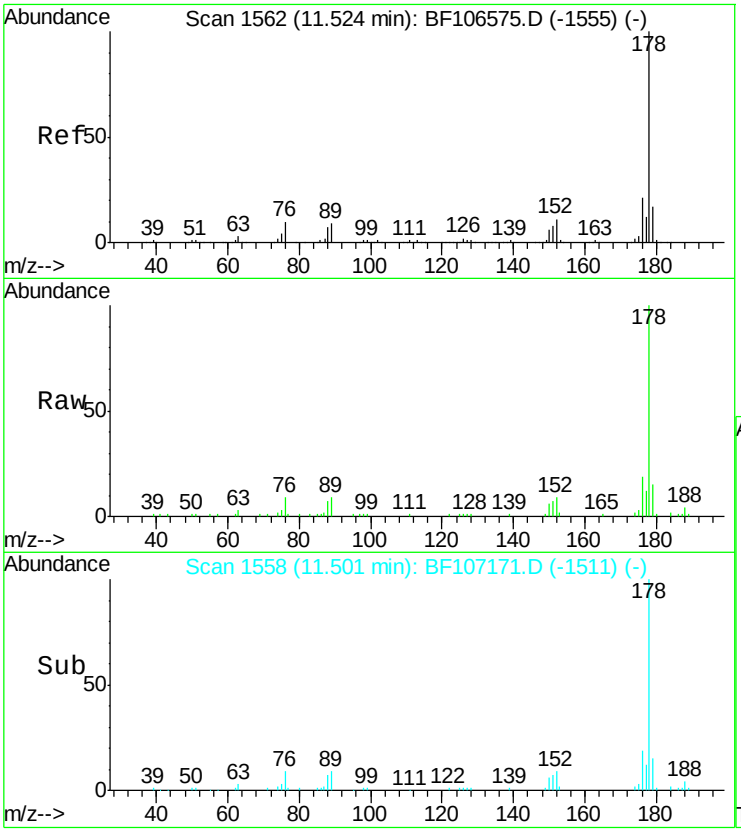


#66
4-Bromophenyl-phenylether
Concen: 2.610 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion:248 Resp: 7243

Ion	Ratio	Lower	Upper
248	100		
250	201.4	76.9	115.3#
141	332.0	74.4	111.6#



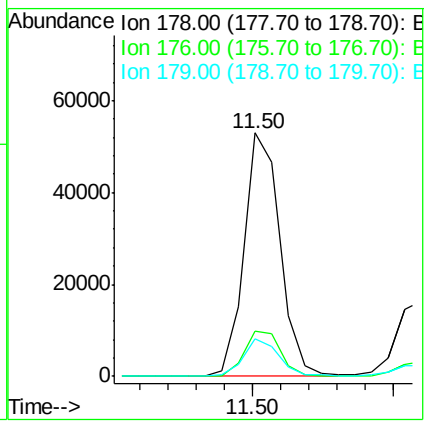


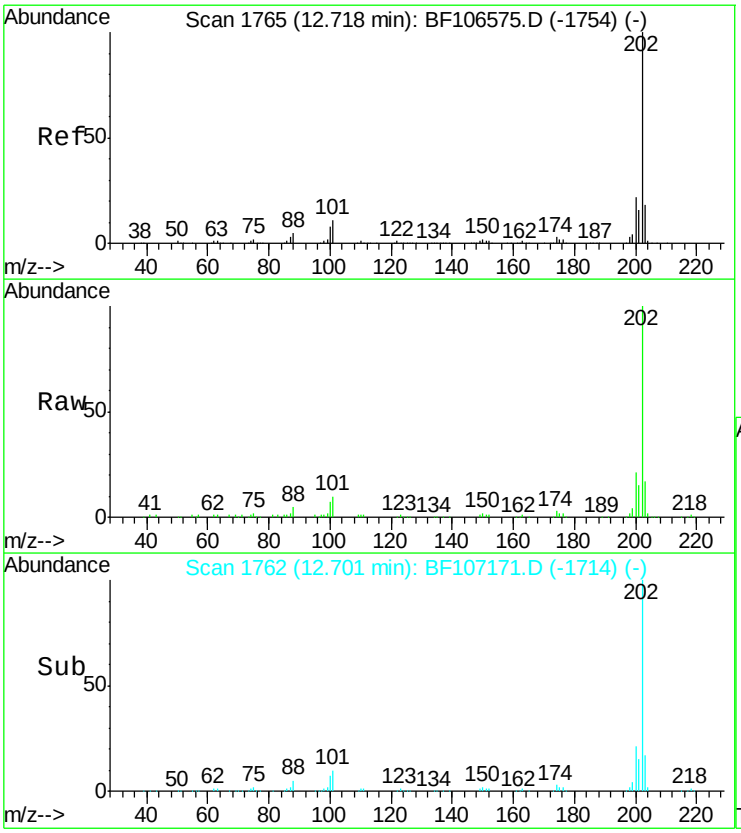
#70
Phenanthrene
Concen: 4.150 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion:178 Resp: 46551

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.4	13.0	19.6

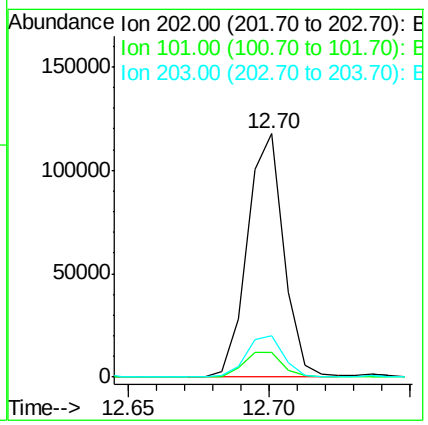


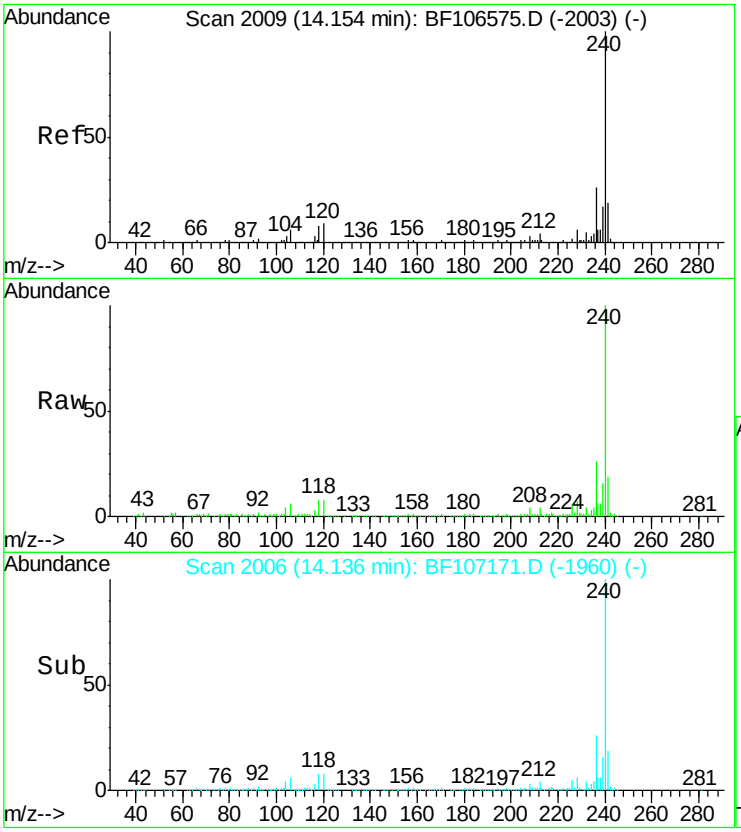


#74
Fluoranthene
Concen: 8.495 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion:202 Resp: 105015

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	16.8	0.0	38.1



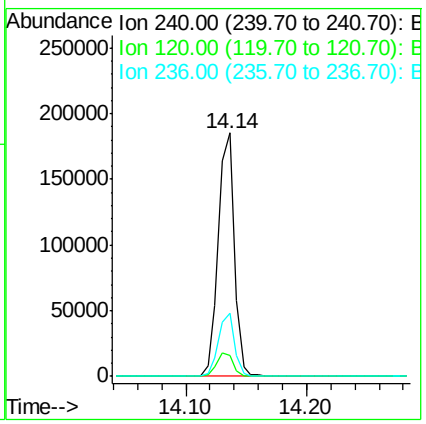


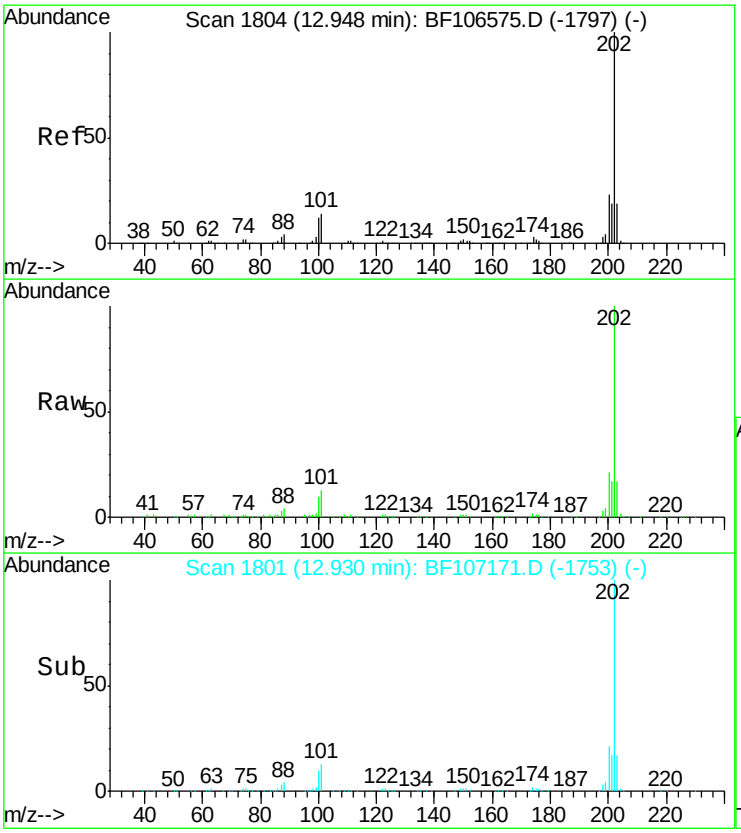
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion:240 Resp: 170349

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.9	20.7	31.1

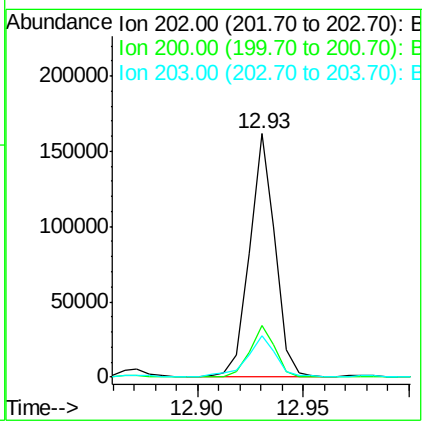


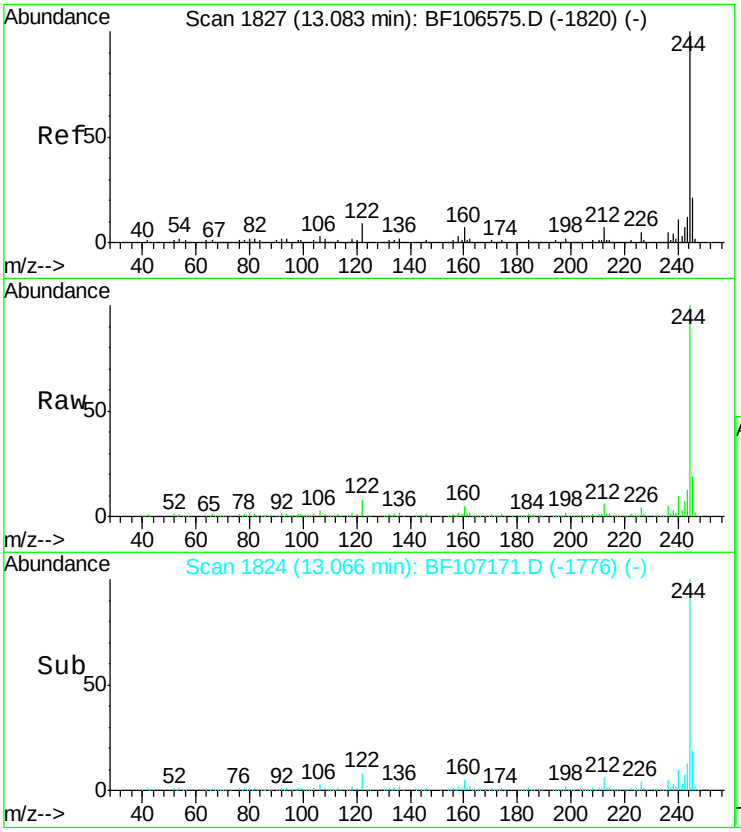


#77
Pyrene
Concen: 12.041 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion:202 Resp: 135255

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.0	14.3	21.5



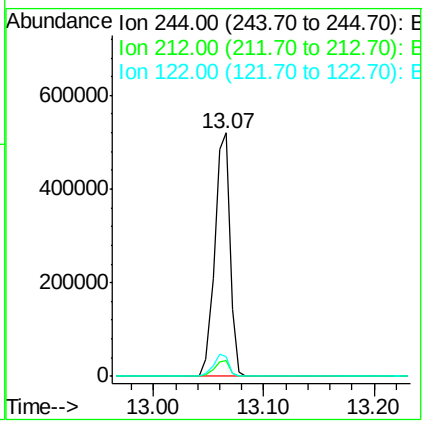


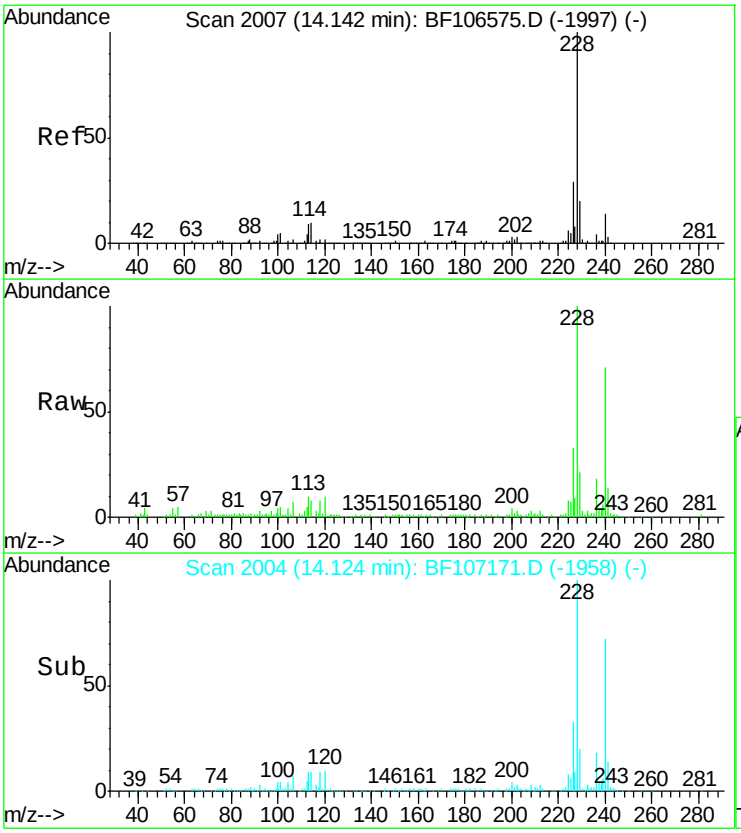
#78
Terphenyl-d14
Concen: 70.869 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion:244 Resp: 498387

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

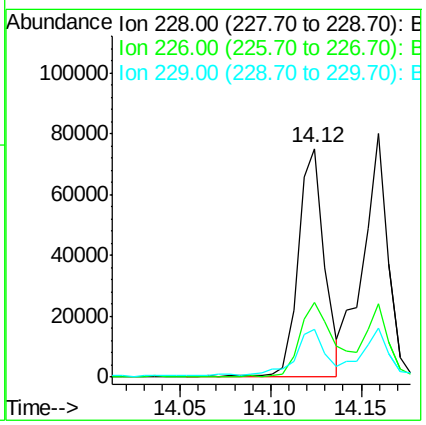


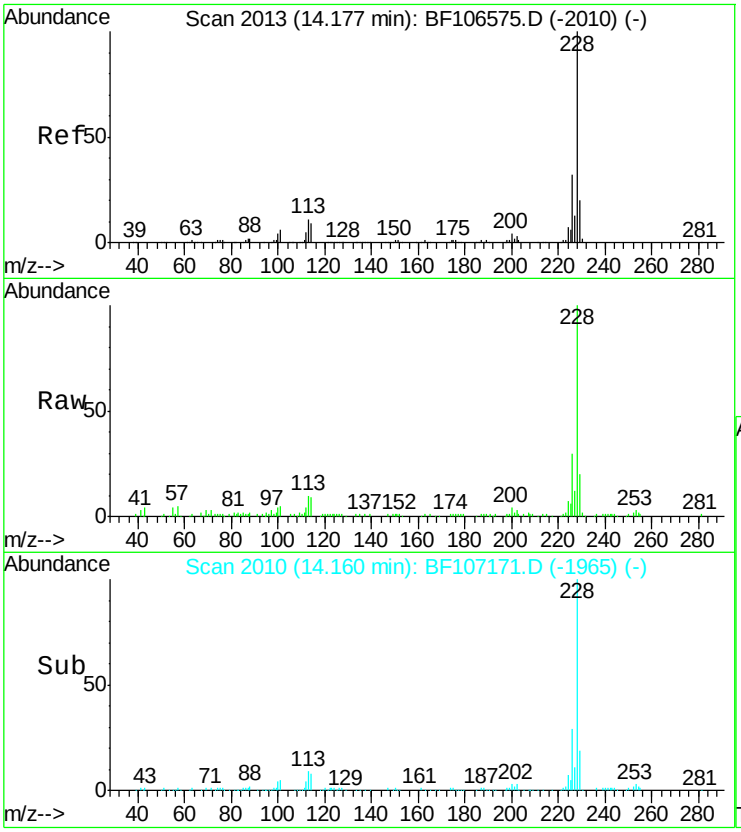


#80
Benzo(a)anthracene
Concen: 7.401 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion:228 Resp: 76840

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.6	33.8
229	20.8	15.8	23.6



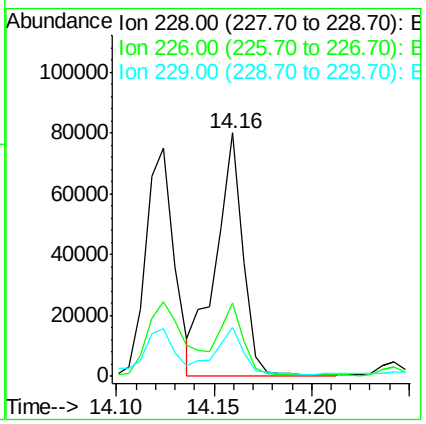


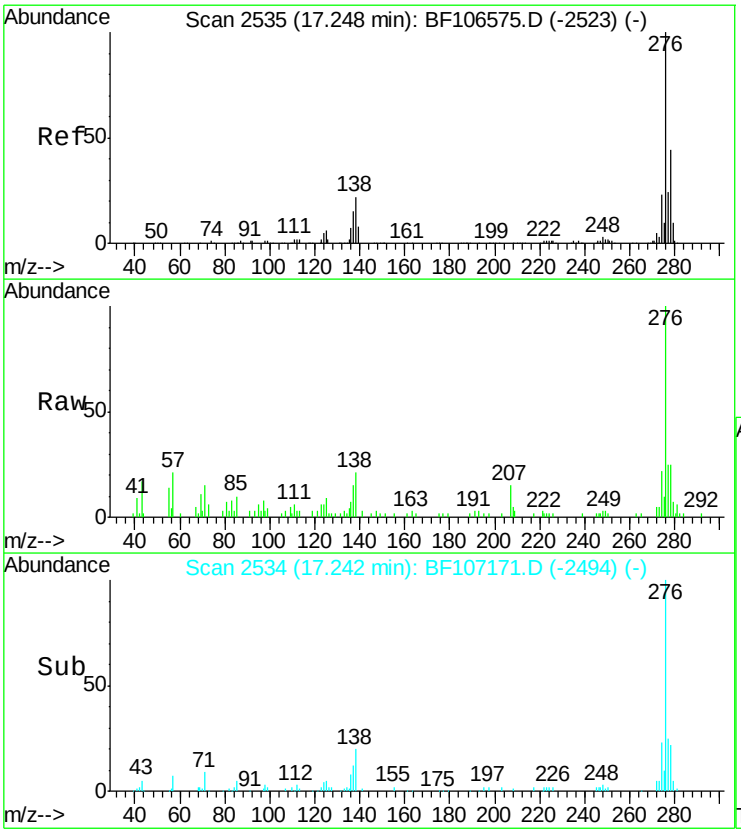
#82
Chrysene
Concen: 8.234 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.04 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion:228 Resp: 78647

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.0	16.2	24.4

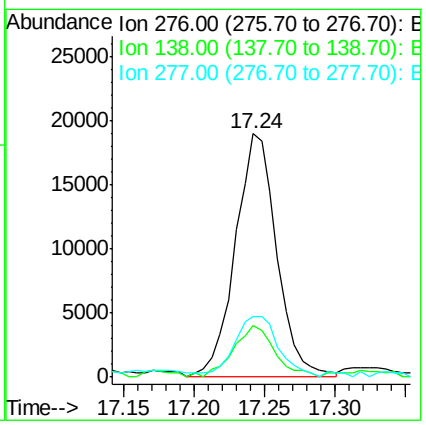


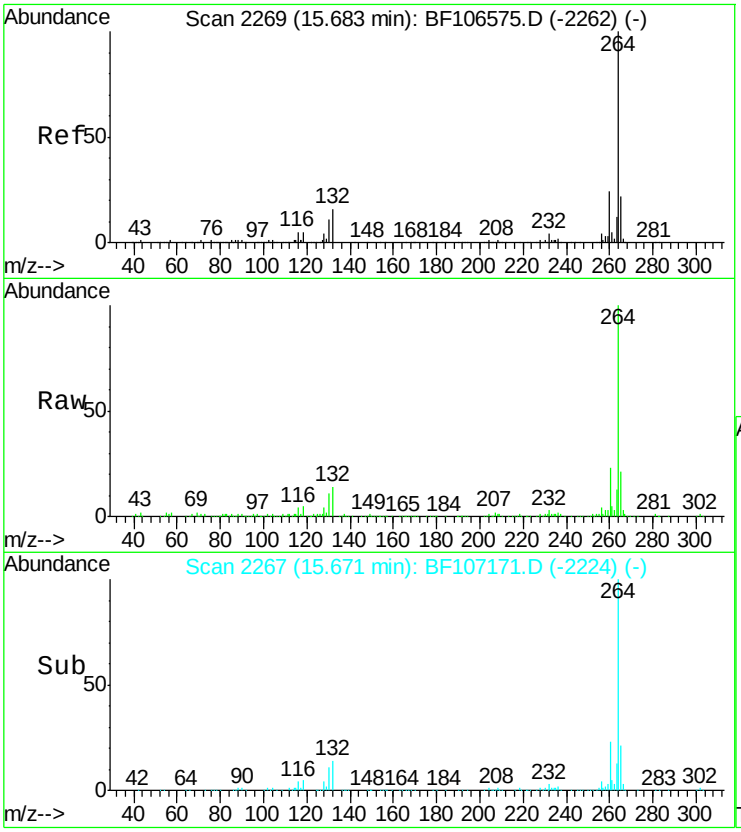


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.817 ng
RT: 17.24 min Scan# 2534
Delta R.T. -0.06 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion:276 Resp: 39048

Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.0	37.6#
277	26.6	20.1	30.1



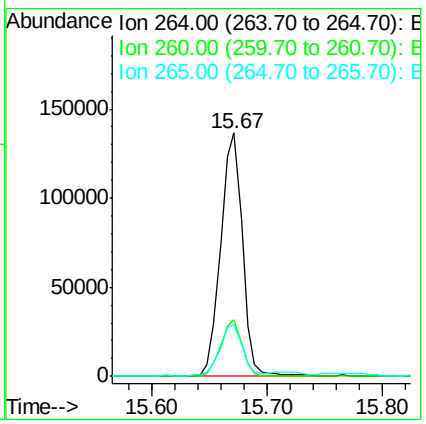


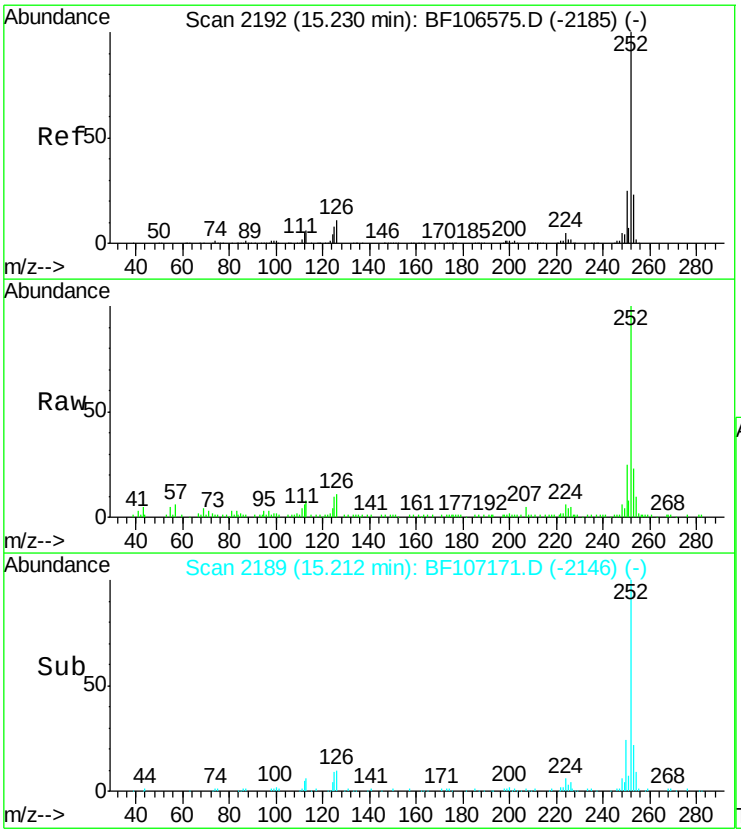
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion:264 Resp: 178794

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	17.5	26.3

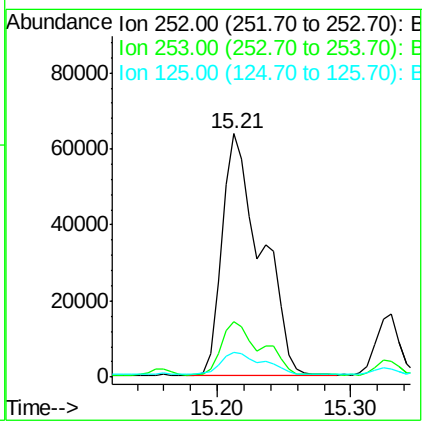


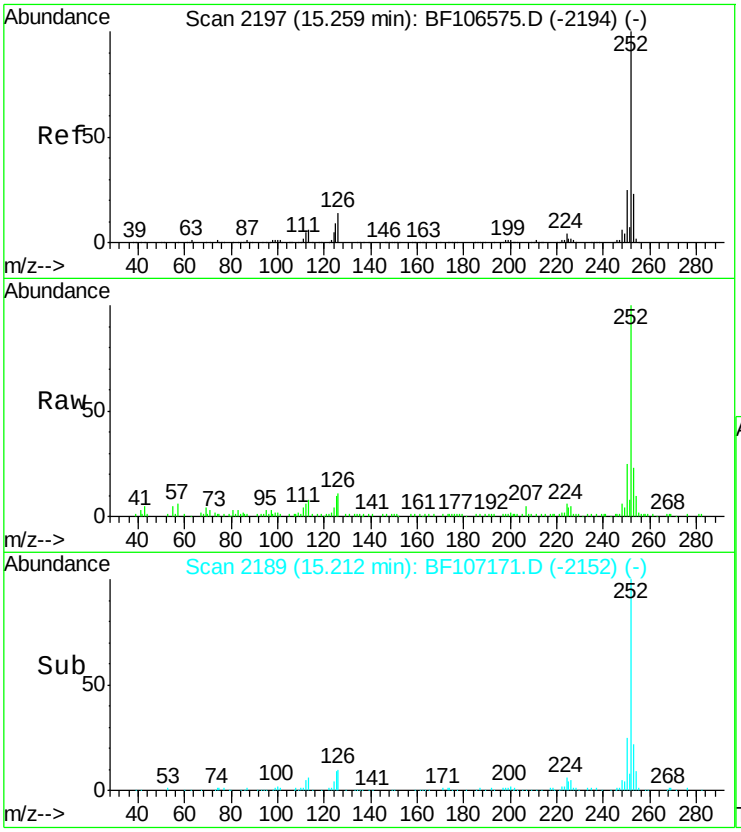


#87
Benzo(b)fluoranthene
Concen: 11.706 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion:252 Resp: 130015

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.2	9.0	13.6



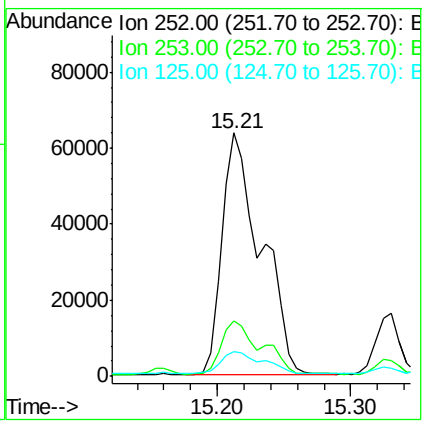


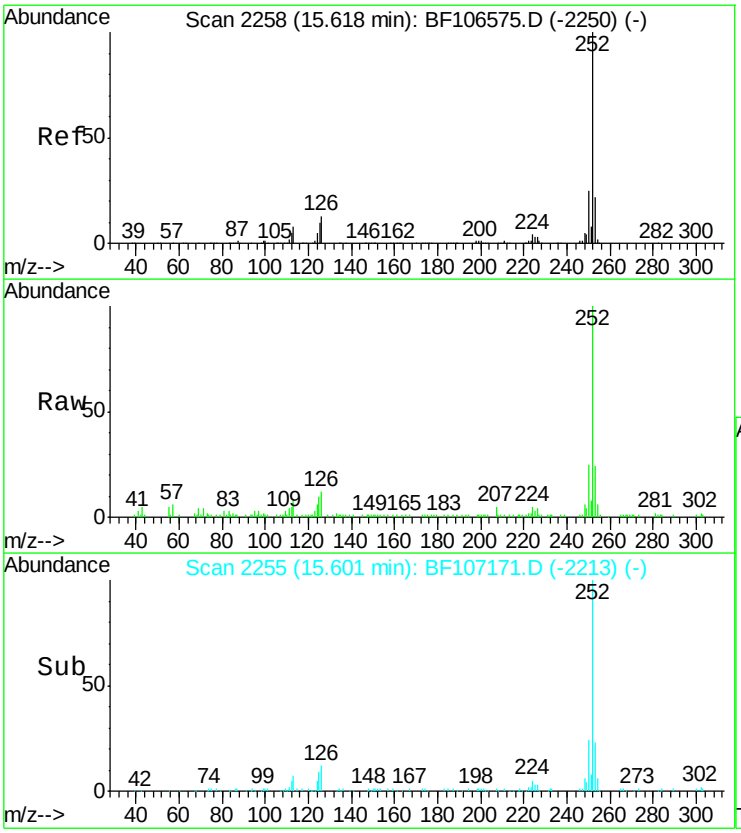
#88
Benzo(k)fluoranthene
Concen: 12.293 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.08 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion:252 Resp: 130015

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.2	10.2	15.2

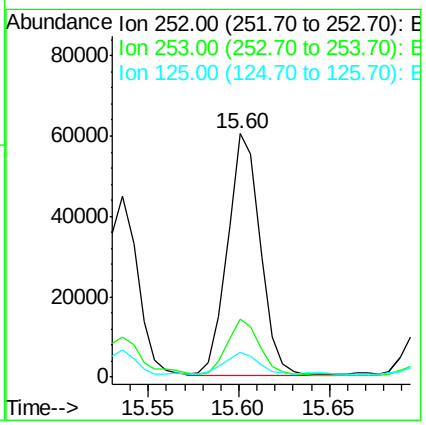


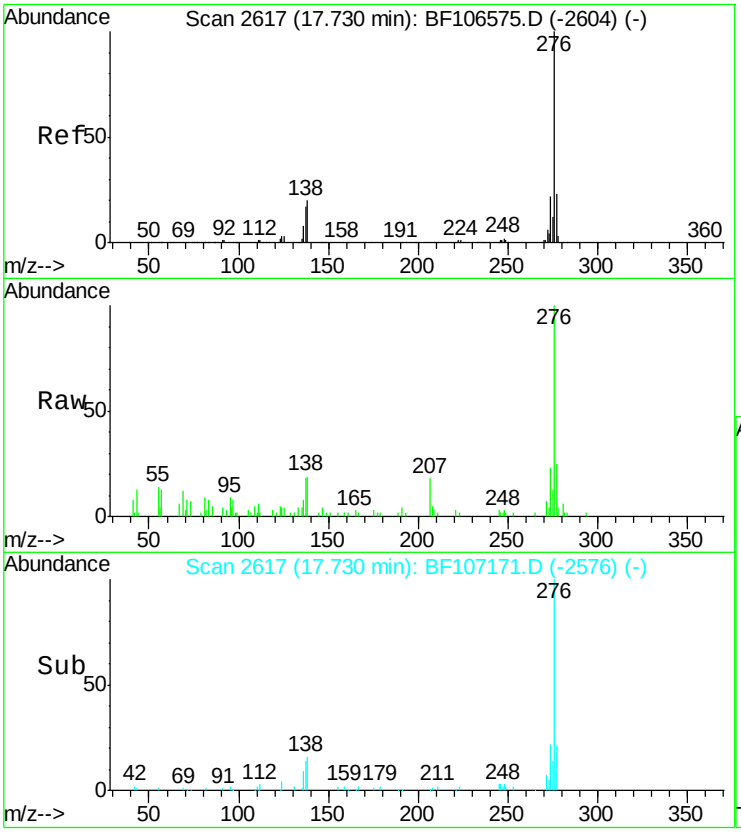


#89
Benzo(a)pyrene
Concen: 7.699 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.05 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion:252 Resp: 76016

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	10.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.487 ng
RT: 17.73 min Scan# 2617
Delta R.T. -0.06 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tgt Ion:276 Resp: 36699

Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	19.1	21.8	32.8#