Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
Data File : BF107601.D
Acq On : 23 Jul 2018 21:07
Operator : JU/SJ
Sample : J4106-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MARKET-ST

Quant Time: Jul 24 03:22:36 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	6.98	152	223182	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	760436	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	297783	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	642529	20.00	ng		0.00
75) Chrysene-d12	14.17	240	508032	20.00	ng		0.00
86) Perylene-d12	15.71	264	385608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1313014	94.59	ng		0.00
7) Phenol-d6	6.61	99	1543464	92.60	ng		0.00
23) Nitrobenzene-d5	7.54	82	883807	78.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	375921	111.01	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1394284	78.52	ng		0.00
78) Terphenyl-d14	13.10	244	1612579	81.26	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	114155	10.602	ng	#	81
25) Isophorone	7.54	82	883801	36.735	ng	#	64
49) Dimethylphthalate	9.72	163	110012	4.902	ng	#	97
50) 2,6-Dinitrotoluene	10.02	165	36996	8.303	ng	#	26
64) 4,6-Dinitro-2-methylphenol	10.82	198	743	8.877	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	22095	2.921	ng	#	1
70) Phenanthrene	11.54	178	160657	5.131	ng		98
73) Di-n-butylphthalate	12.06	149	25950	Below Cal		#	96
74) Fluoranthene	12.74	202	285448	8.496	ng		96
77) Pyrene	12.97	202	312696	8.998	ng		96
80) Benzo(a)anthracene	14.15	228	133652	4.489	ng		95
81) 3,3'-Dichlorobenzidine	14.11	252	820	Below Cal		#	61
82) Chrysene	14.19	228	137910	4.822	ng		97
85) Indeno(1,2,3-cd)pyrene	17.28	276	52823	2.179	ng	#	88
87) Benzo(b)fluoranthene	15.25	252	148720	7.047	ng	#	88
88) Benzo(k)fluoranthene	15.25	252	148720	7.193	ng	#	91
89) Benzo(a)pyrene	15.64	252	83511	4.326	ng	#	94
91) Benzo(g,h,i)perylene	17.77	276	55691	3.383	ng	#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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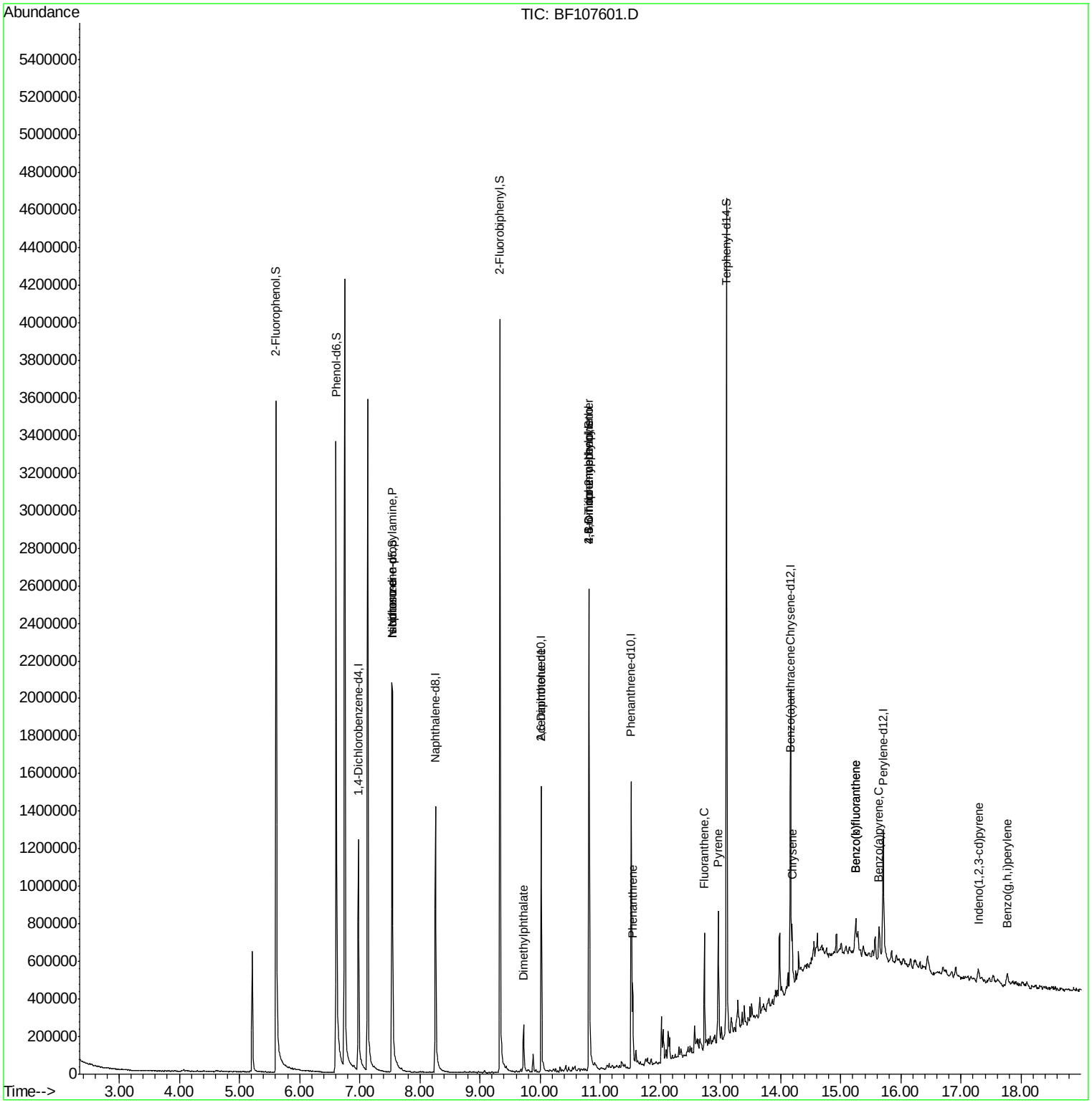
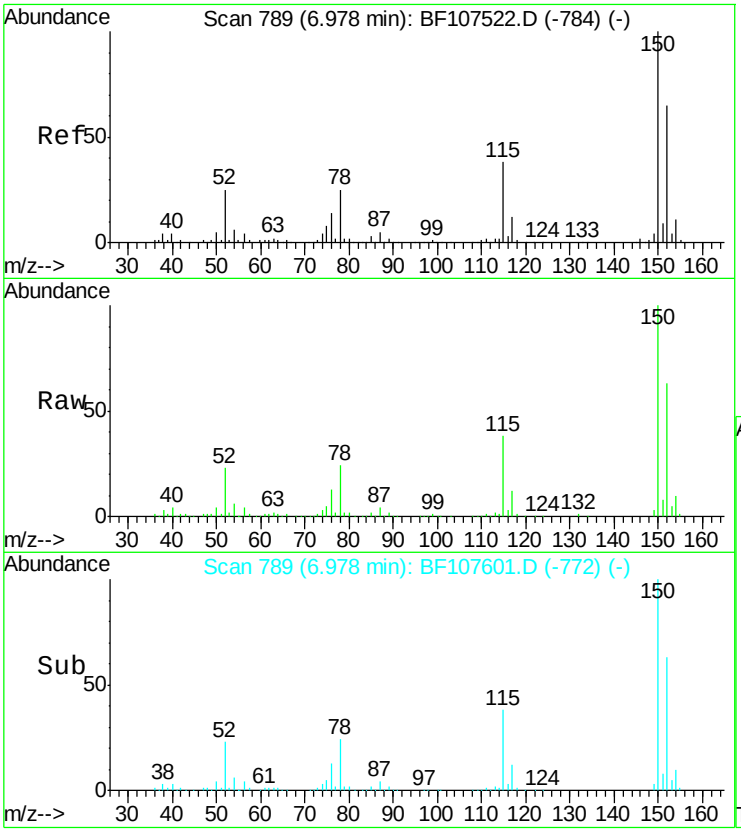


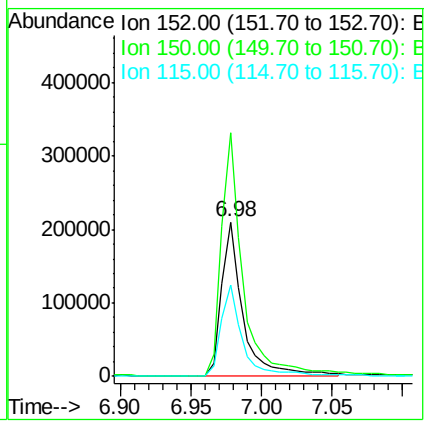


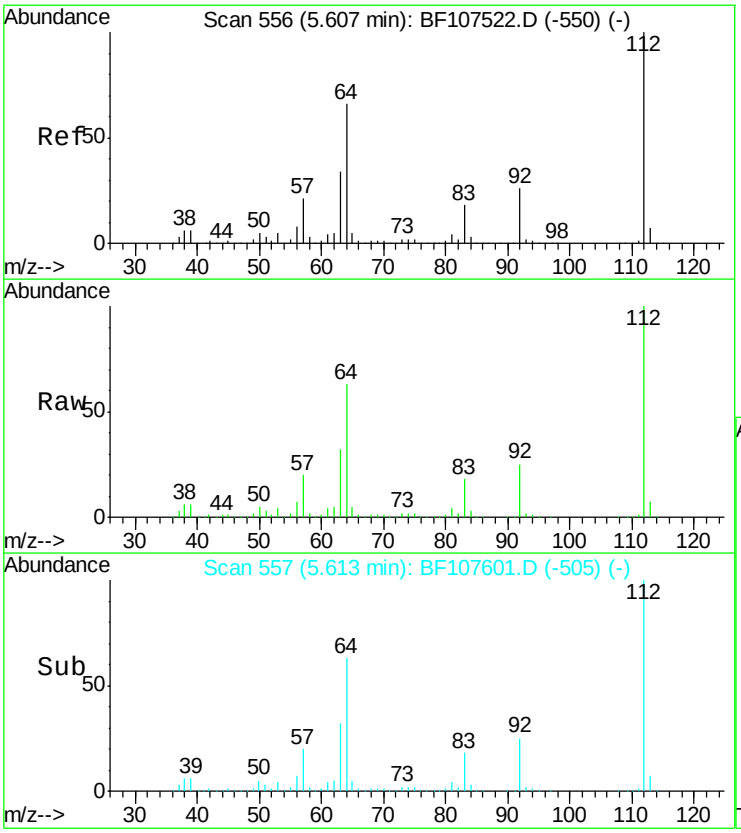
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion:152 Resp: 223182

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	59.4	50.1	75.1

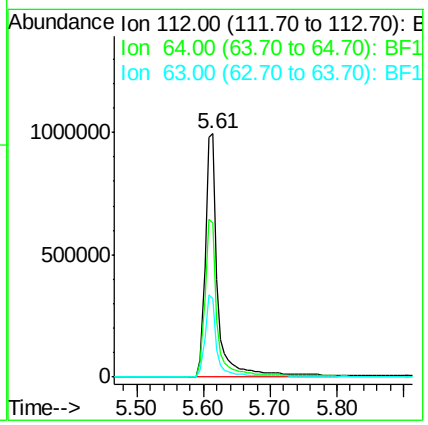


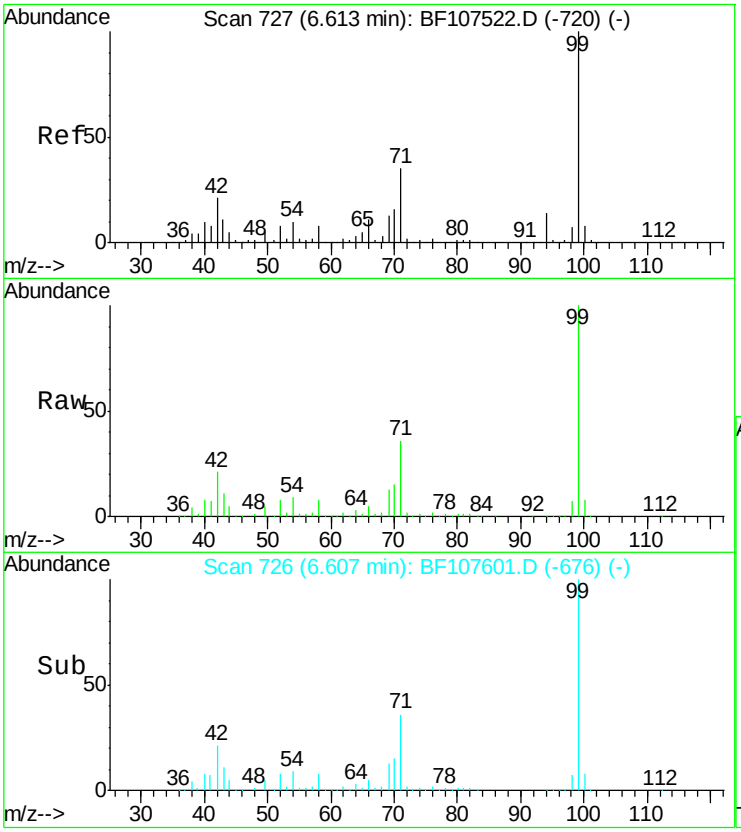


#5
2-Fluorophenol
Concen: 94.590 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion:112 Resp: 1313014

Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.9	71.9
63	32.0	23.7	35.5



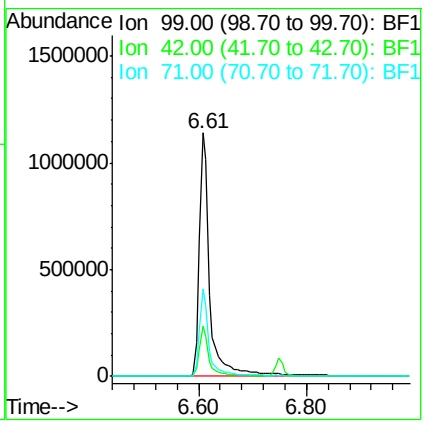


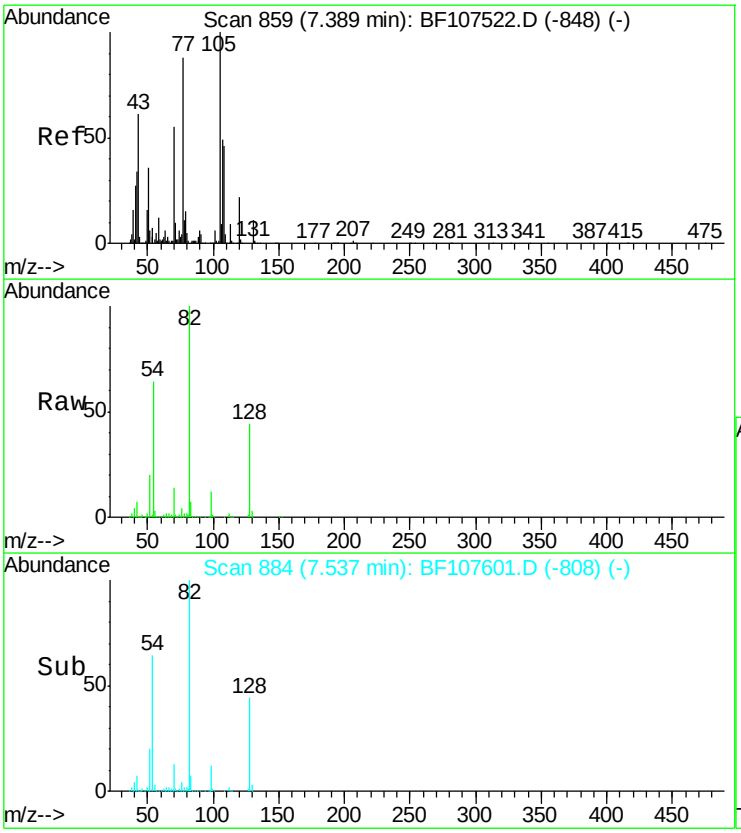
#7
Phenol-d6
Concen: 92.603 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion: 99 Resp: 1543464

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	35.8	25.4	38.0

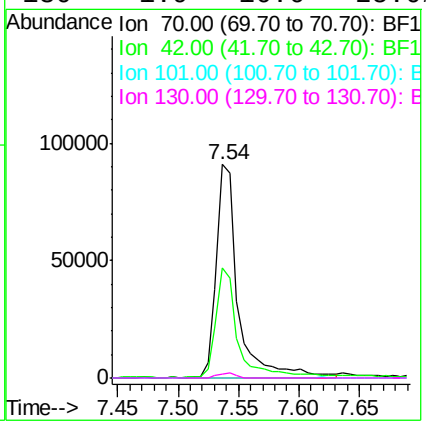


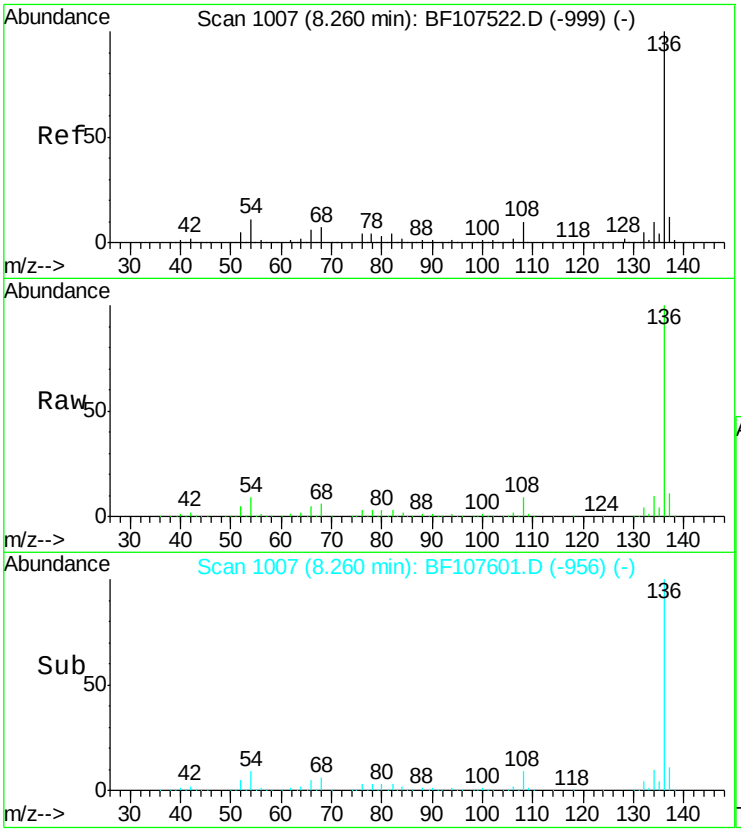


#19
n-Nitroso-di-n-propylamine
Concen: 10.602 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion: 70 Resp: 114155

Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



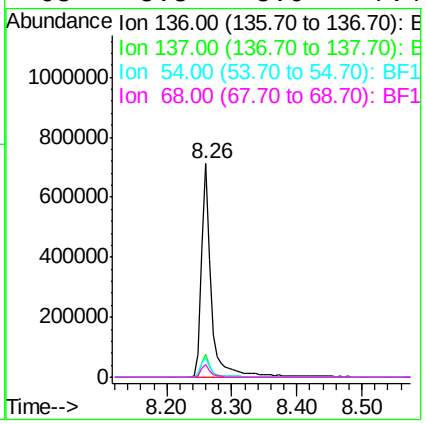


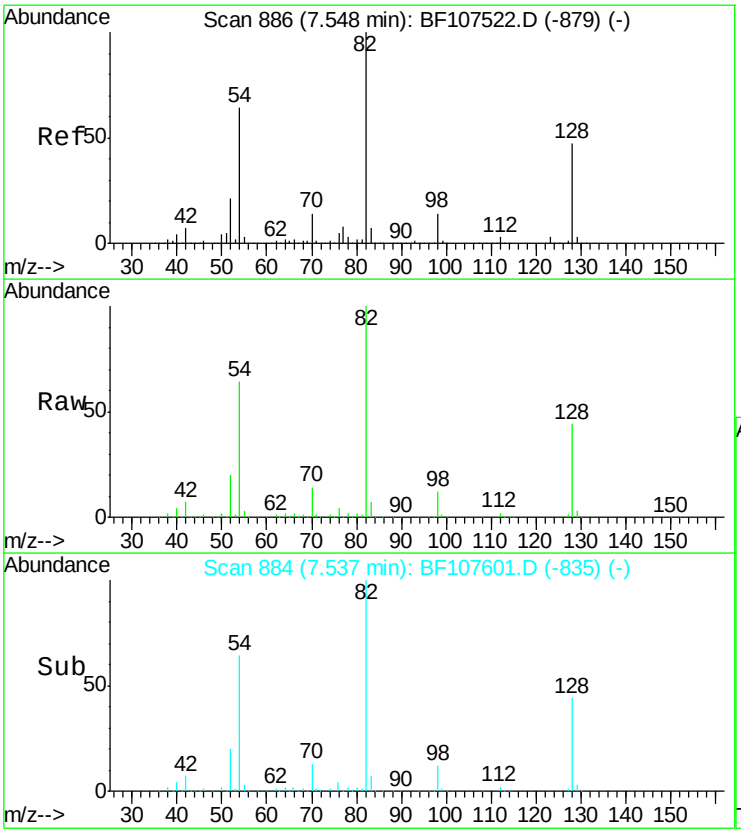
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion:136 Resp: 760436

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.2	6.6	9.8
68	5.8	5.0	7.4

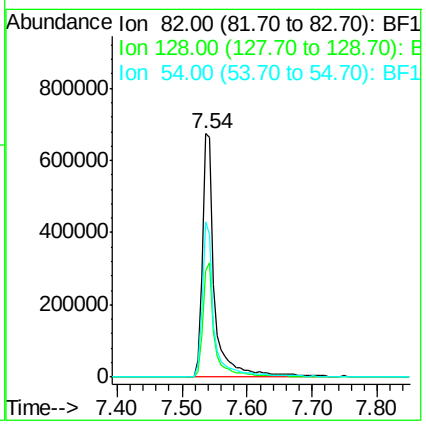


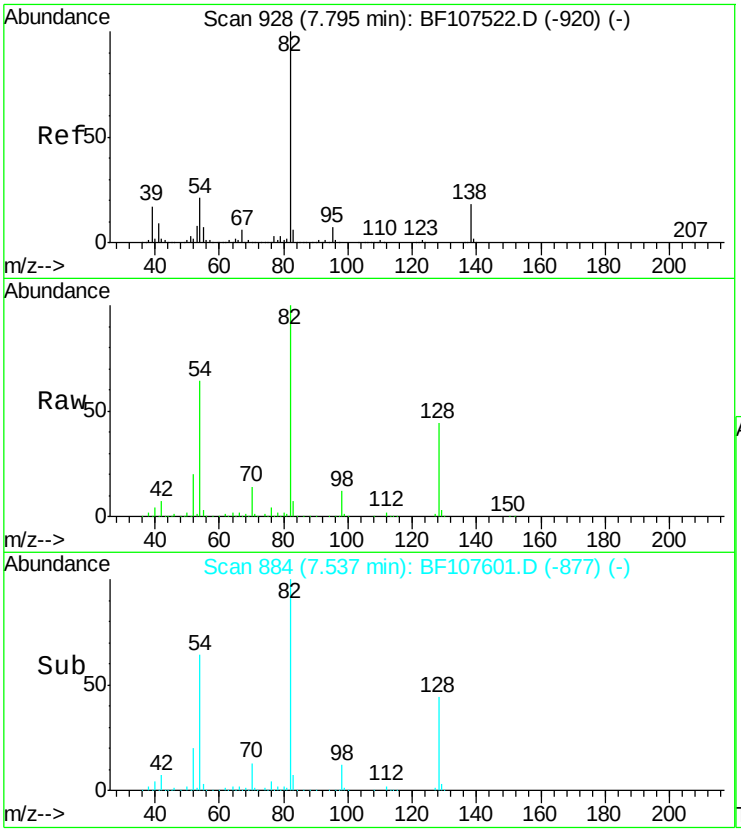


#23
Nitrobenzene-d5
Concen: 78.437 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion: 82 Resp: 883807

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	63.7	41.4	62.2#



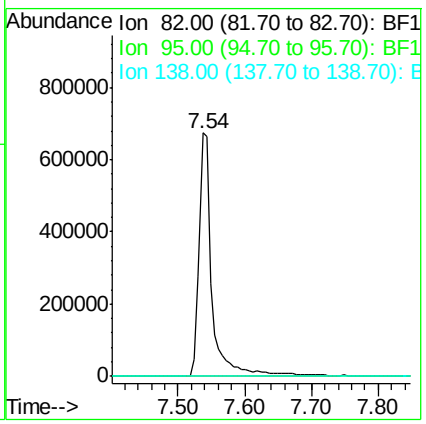


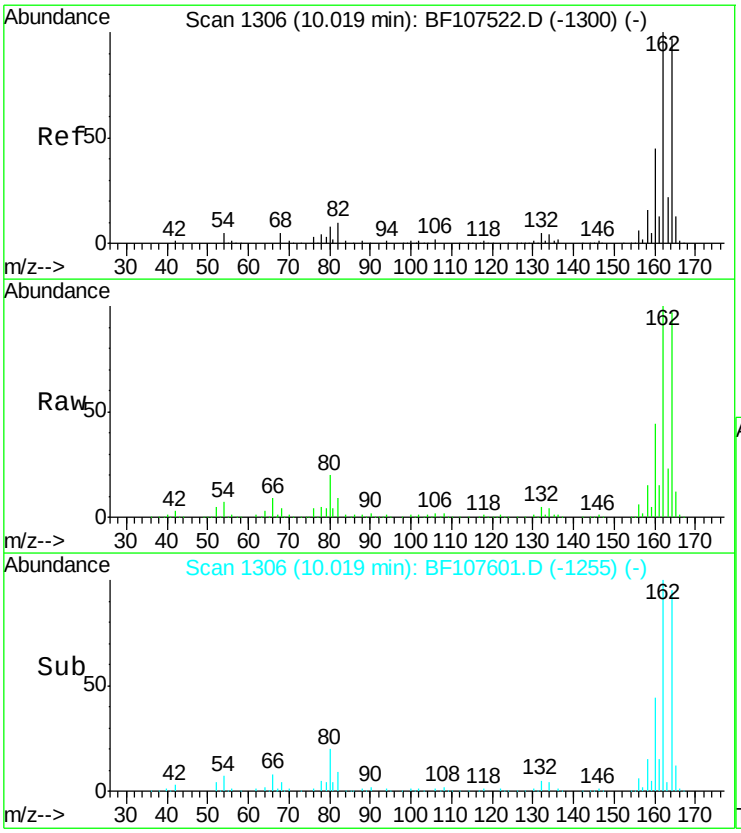
#25
Isophorone
Concen: 36.735 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion: 82 Resp: 883801

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

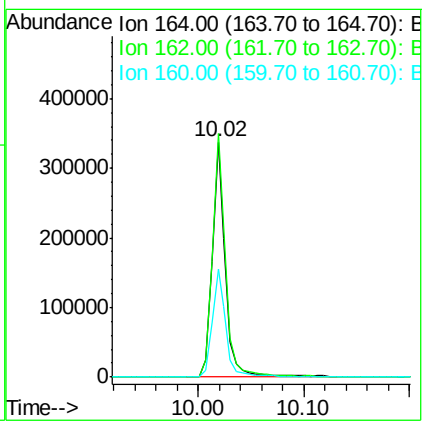


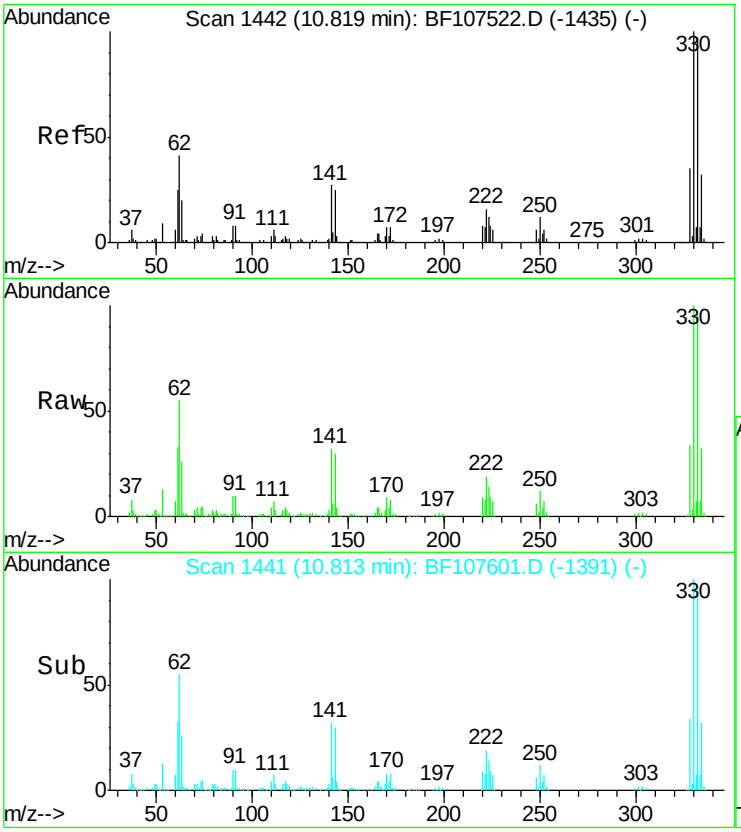


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion:164 Resp: 297783

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.0	38.3	57.5



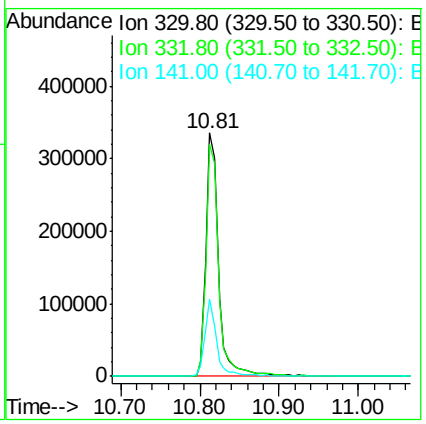


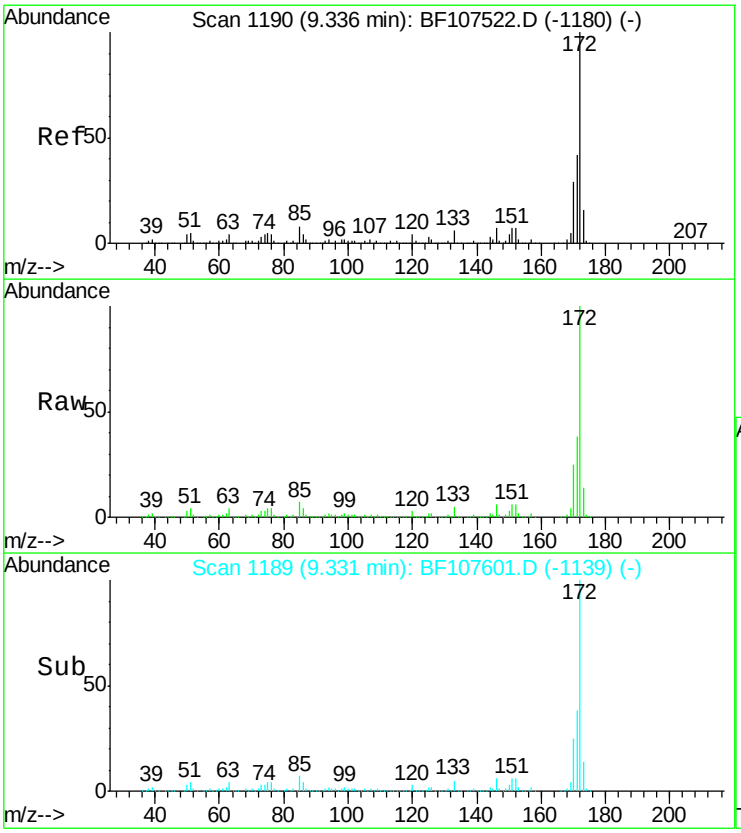
#41
2,4,6-Tribromophenol
Concen: 111.014 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion:330 Resp: 375921

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	30.3	29.9	44.9

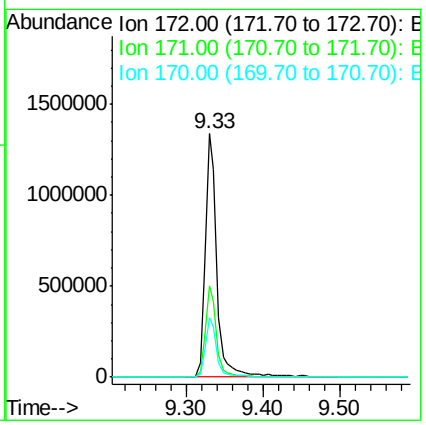


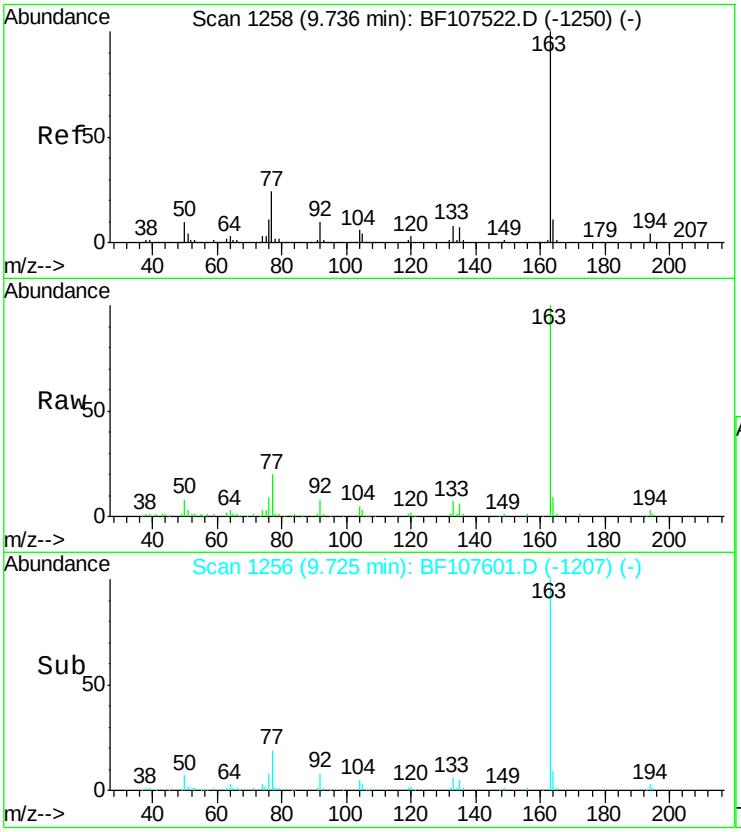


#44
2-Fluorobiphenyl
Concen: 78.523 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion:172 Resp: 1394284

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	24.5	19.6	29.4



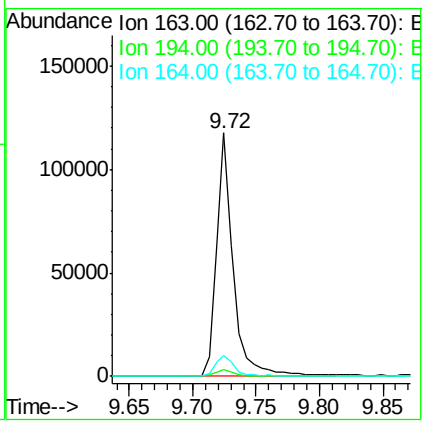


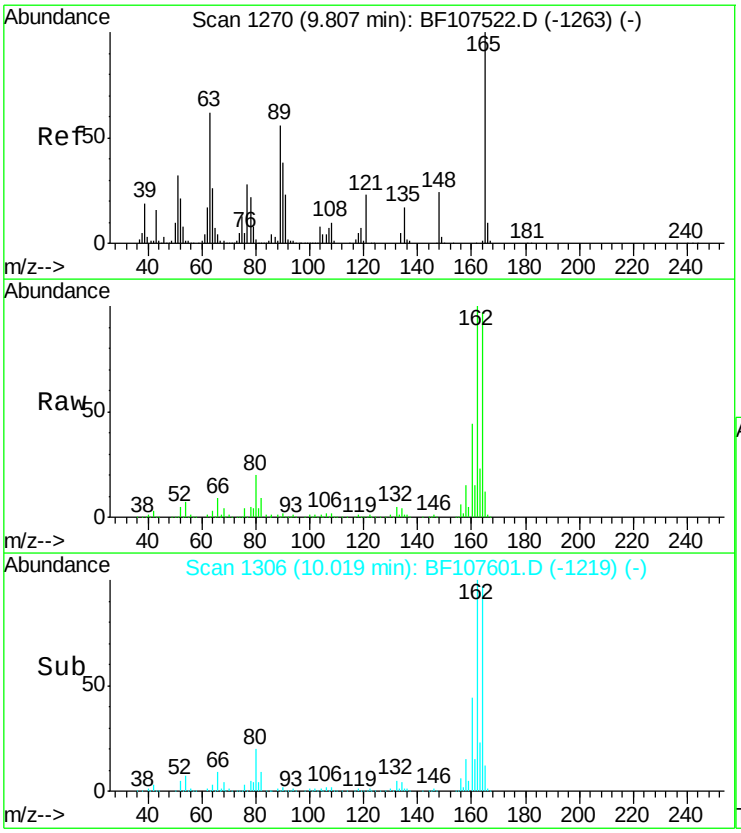
#49
Dimethylphthalate
Concen: 4.902 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion:163 Resp: 110012

Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.7	4.1#
164	8.8	8.2	12.2

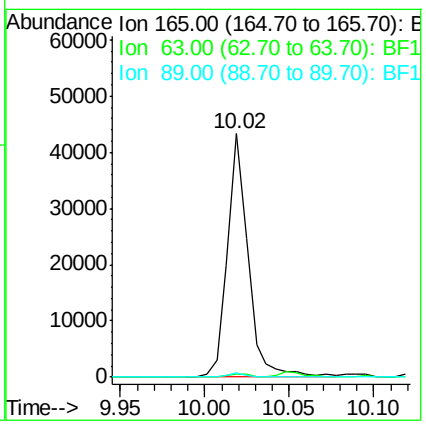


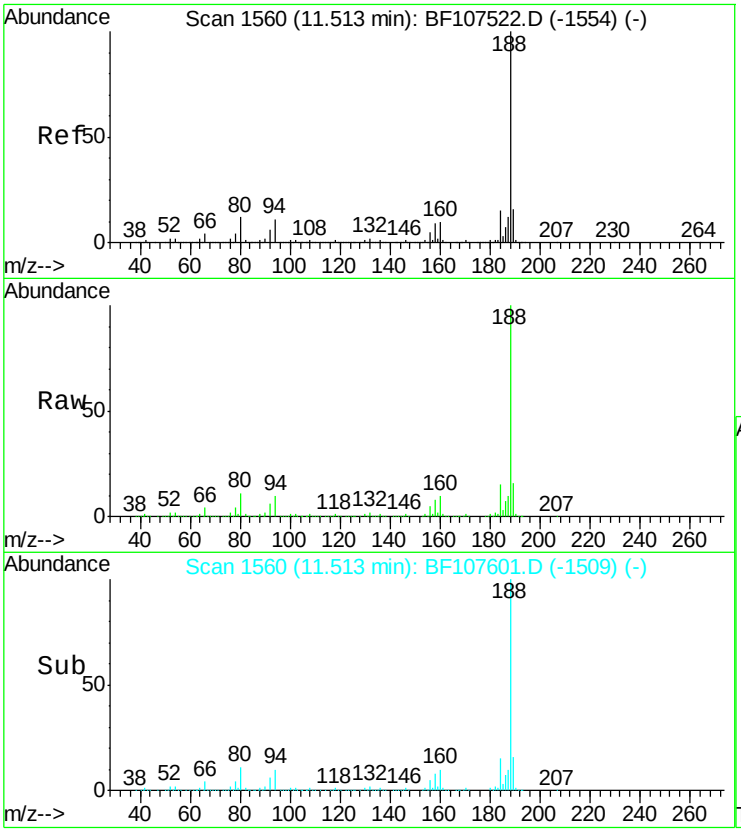


#50
2,6-Dinitrotoluene
Concen: 8.303 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.21 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion:165 Resp: 36996

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#



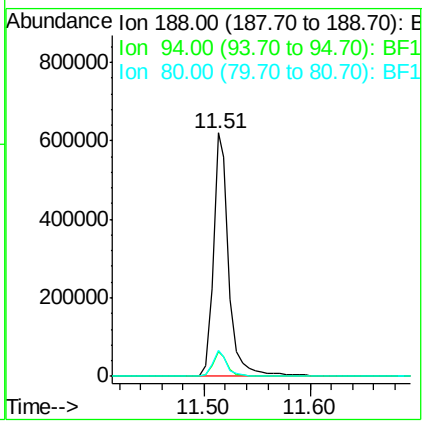


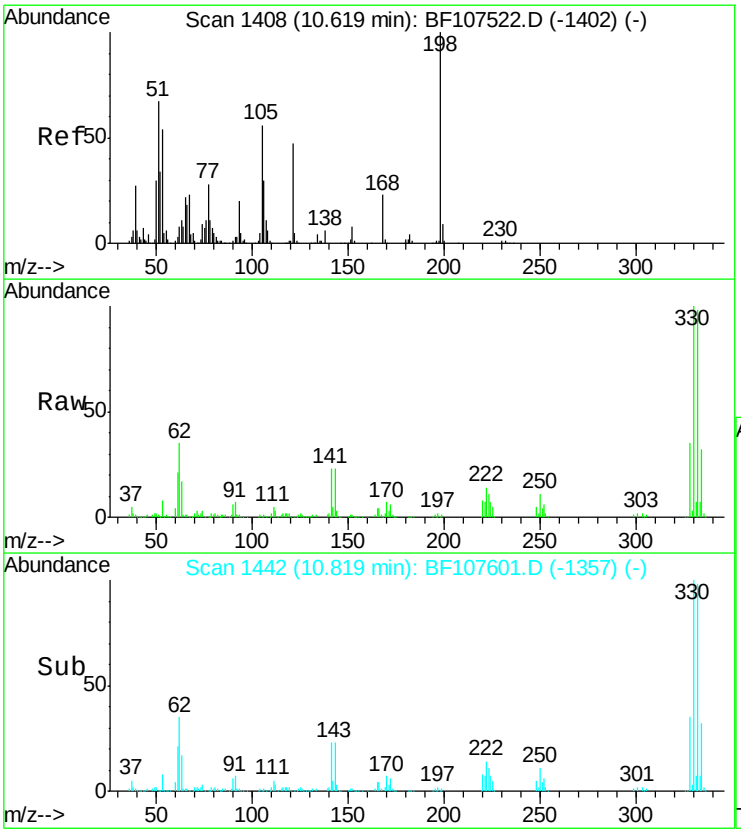
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion:188 Resp: 642529

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.6	9.2	13.8

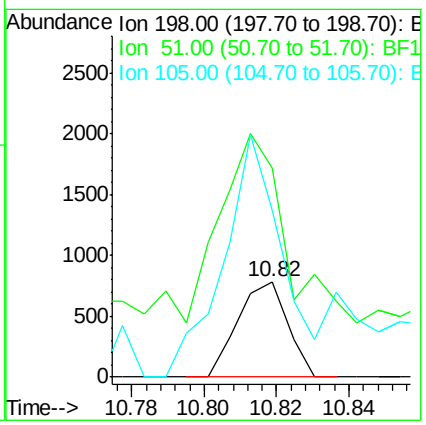


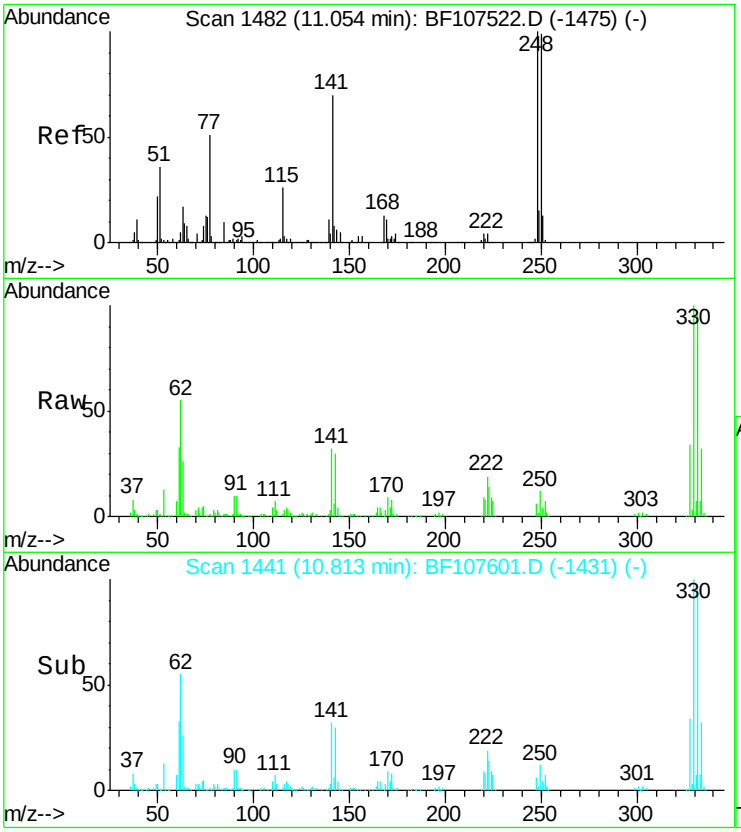


#64
4,6-Dinitro-2-methylphenol
Concen: 8.877 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.20 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion:198 Resp: 743

Ion	Ratio	Lower	Upper
198	100		
51	218.0	37.7	77.7#
105	174.2	36.3	76.3#



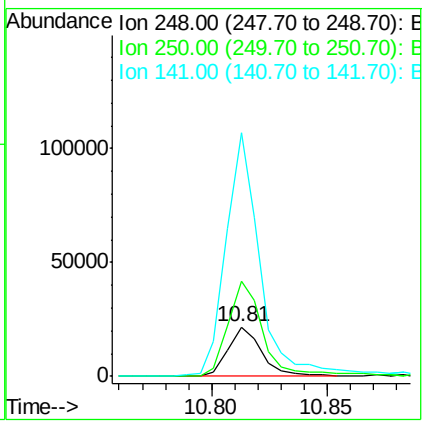


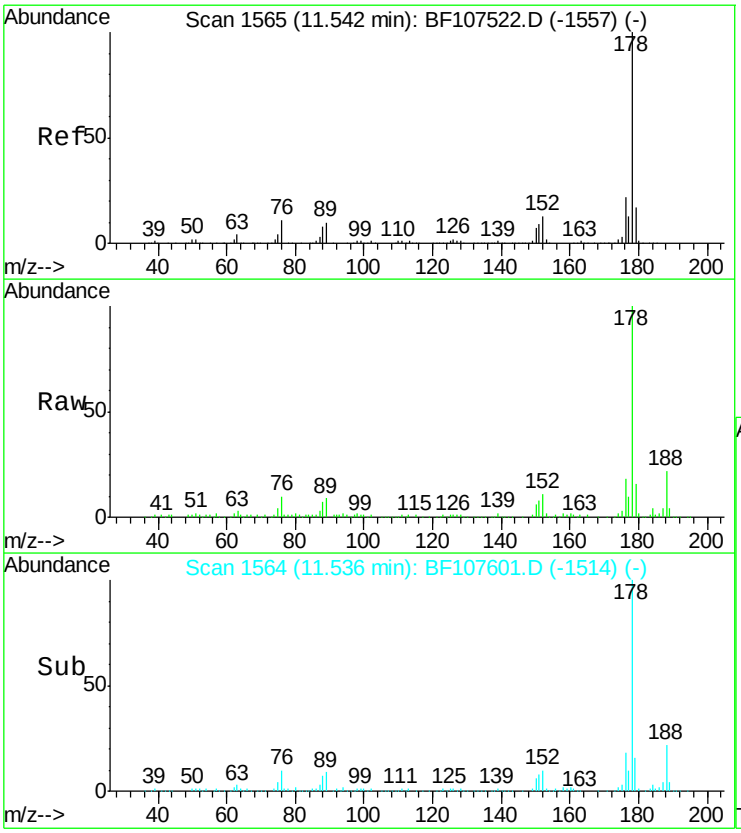
#66
4-Bromophenyl-phenylether
Concen: 2.921 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion:248 Resp: 22095

Ion	Ratio	Lower	Upper
248	100		
250	191.8	76.9	115.3#
141	493.5	74.4	111.6#

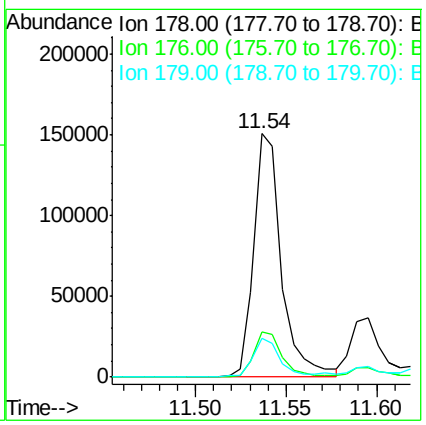


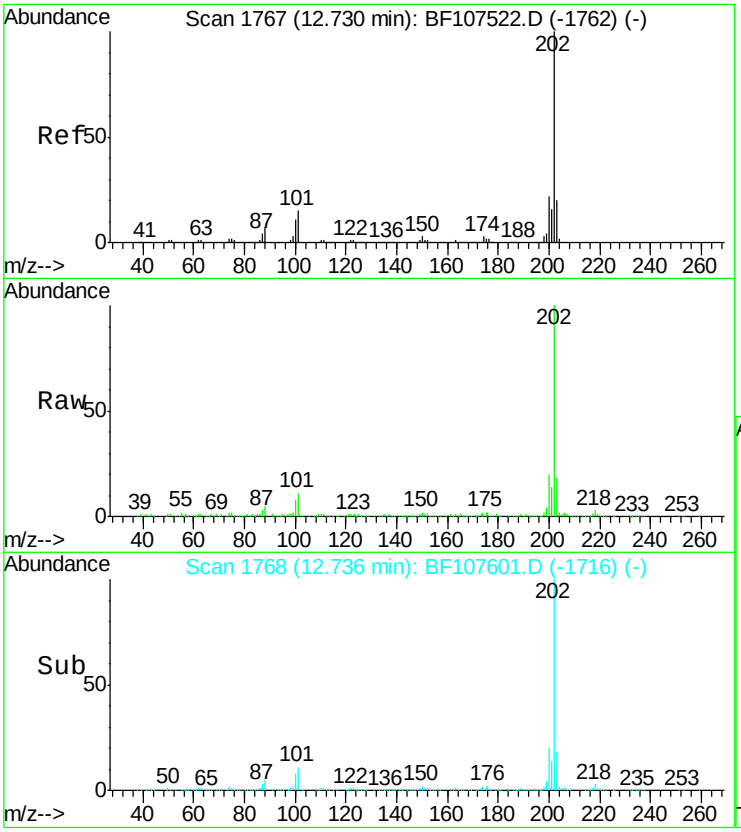


#70
Phenanthrene
Concen: 5.131 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion:178 Resp: 160657

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	16.0	13.0	19.6



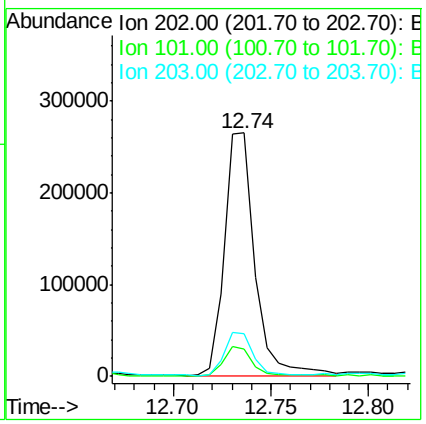


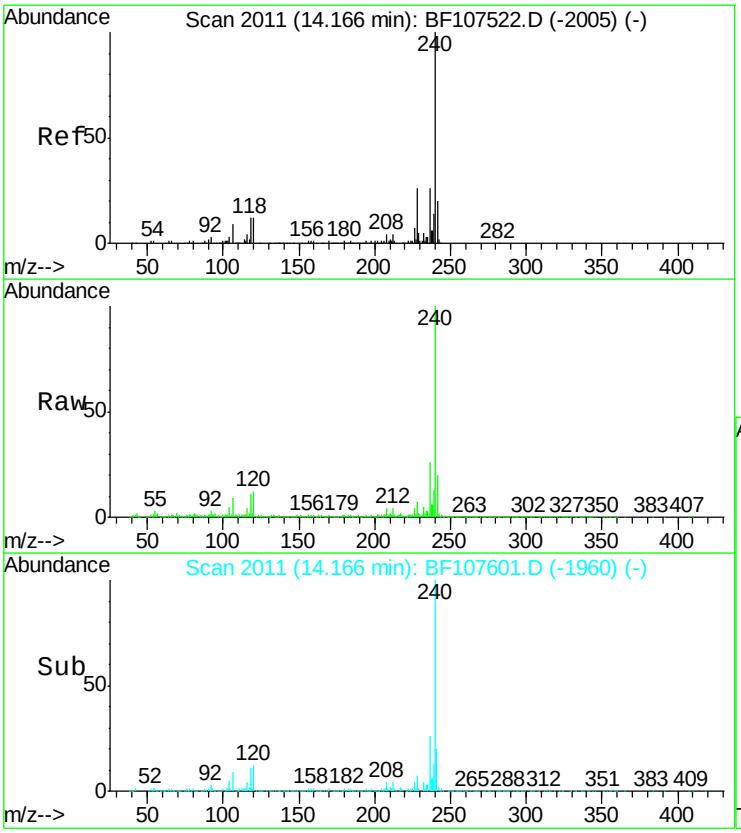
#74
Fluoranthene
Concen: 8.496 ng
RT: 12.74 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion:202 Resp: 285448

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.8	0.0	38.1

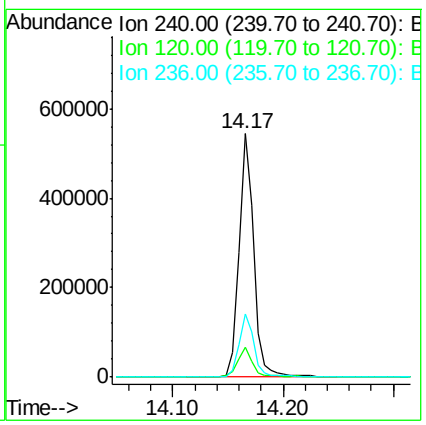


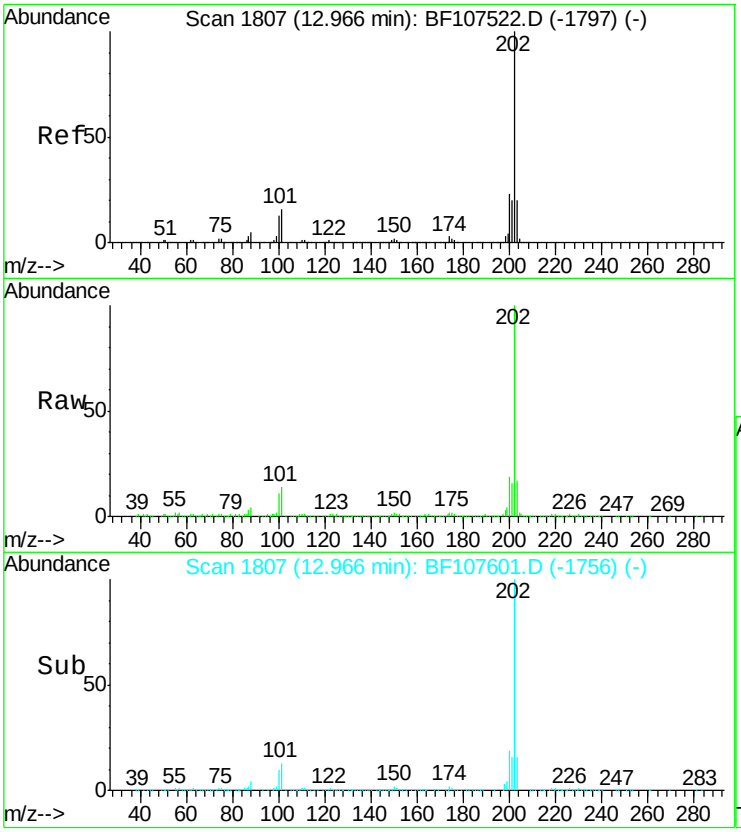


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion:240 Resp: 508032

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.0	20.7	31.1



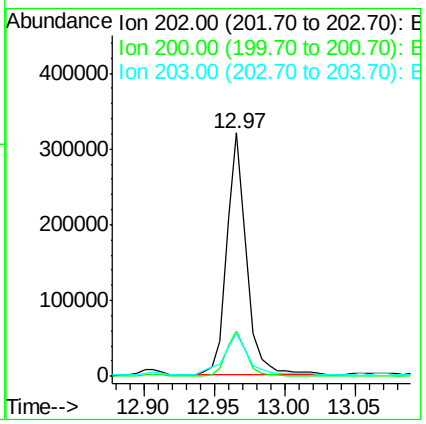


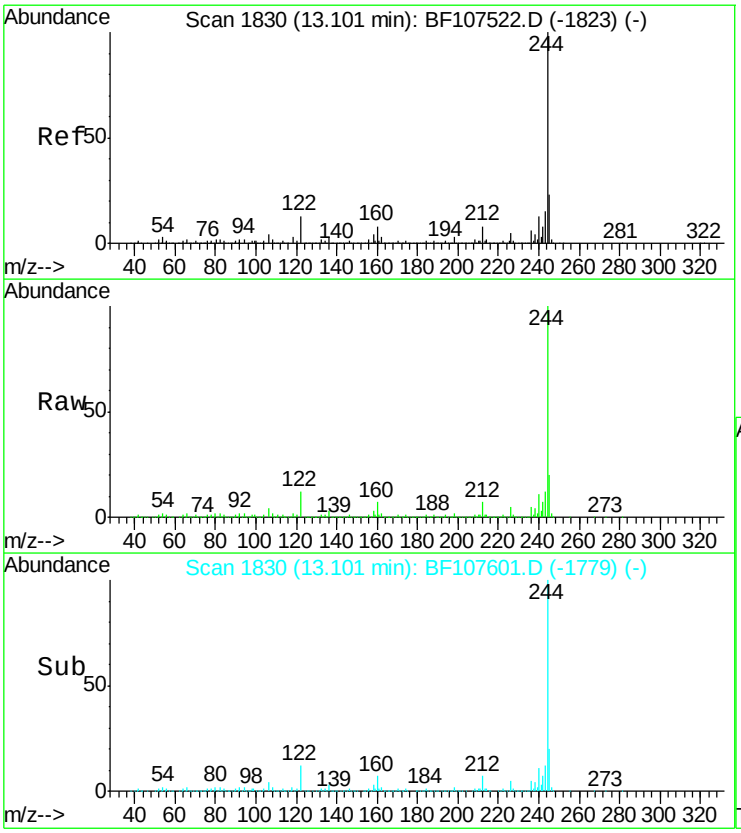
#77
Pyrene
Concen: 8.998 ng
RT: 12.97 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion:202 Resp: 312696

Ion	Ratio	Lower	Upper
202	100		
200	18.8	17.4	26.2
203	17.4	14.3	21.5

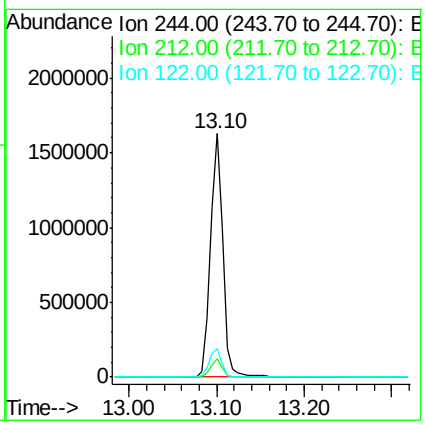


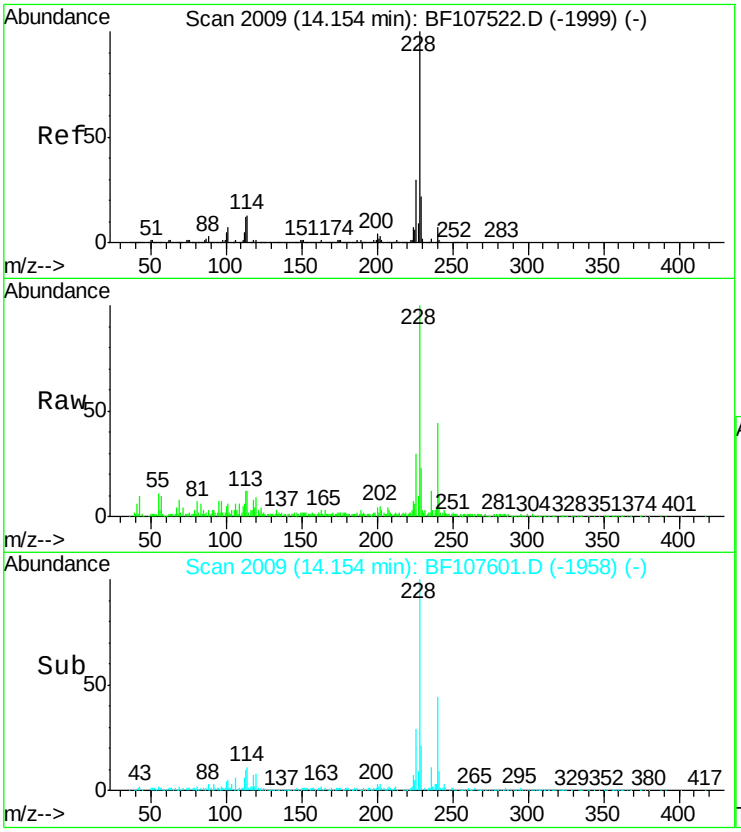


#78
Terphenyl-d14
Concen: 81.262 ng
RT: 13.10 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion:244 Resp: 1612579

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.0	11.0	16.4



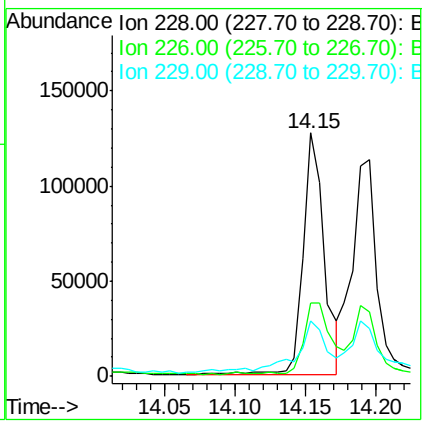


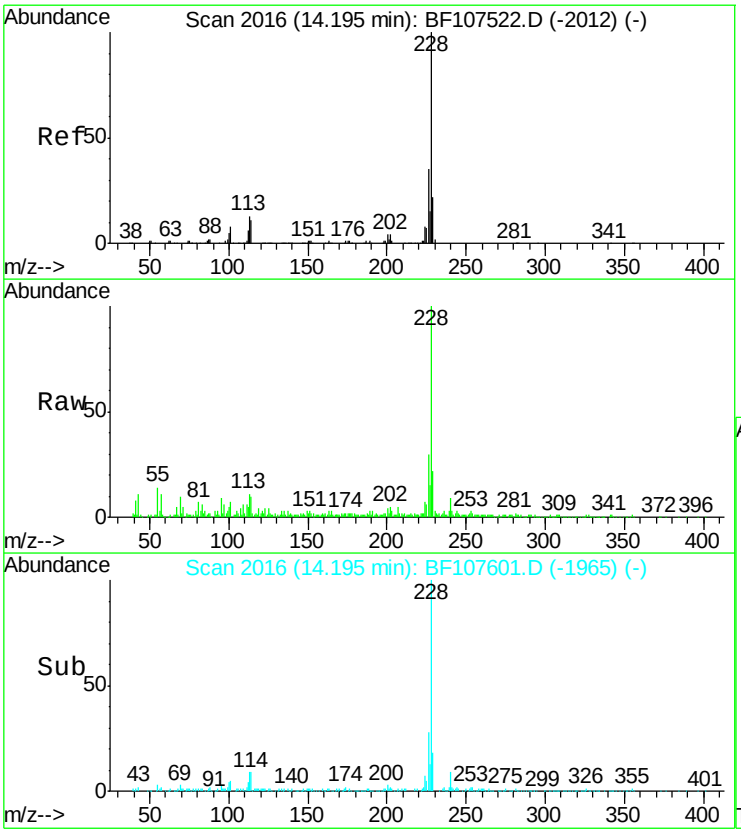
#80
Benzo(a)anthracene
Concen: 4.489 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion:228 Resp: 133652

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	22.7	15.8	23.6

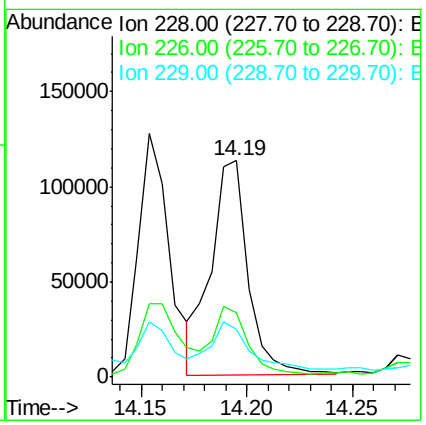


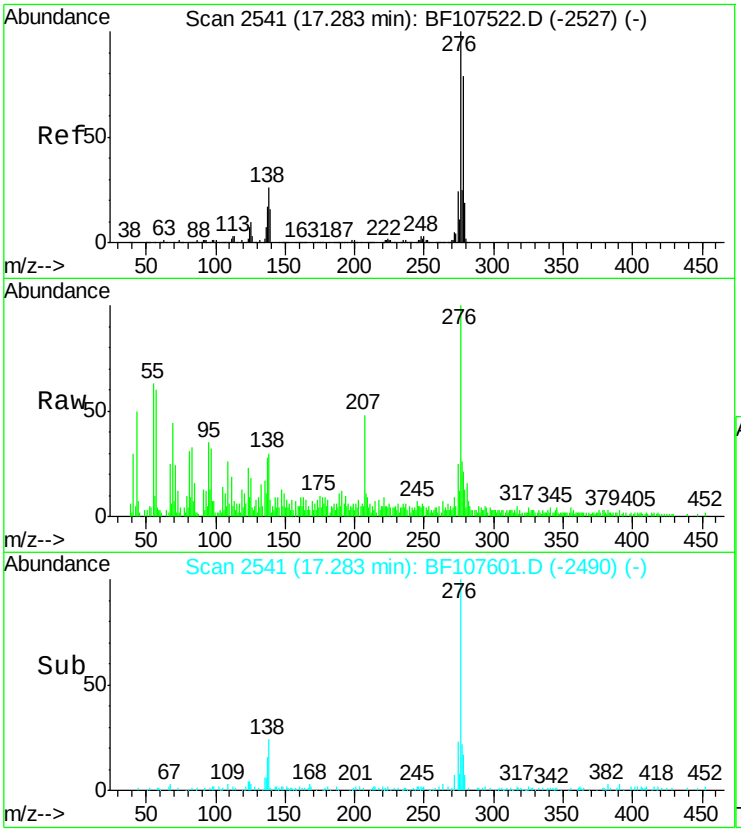


#82
Chrysene
Concen: 4.822 ng
RT: 14.19 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion:228 Resp: 137910

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	21.9	16.2	24.4



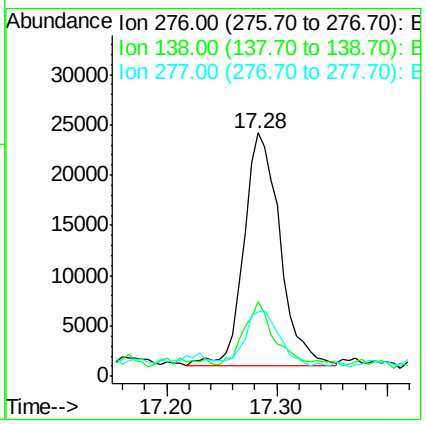


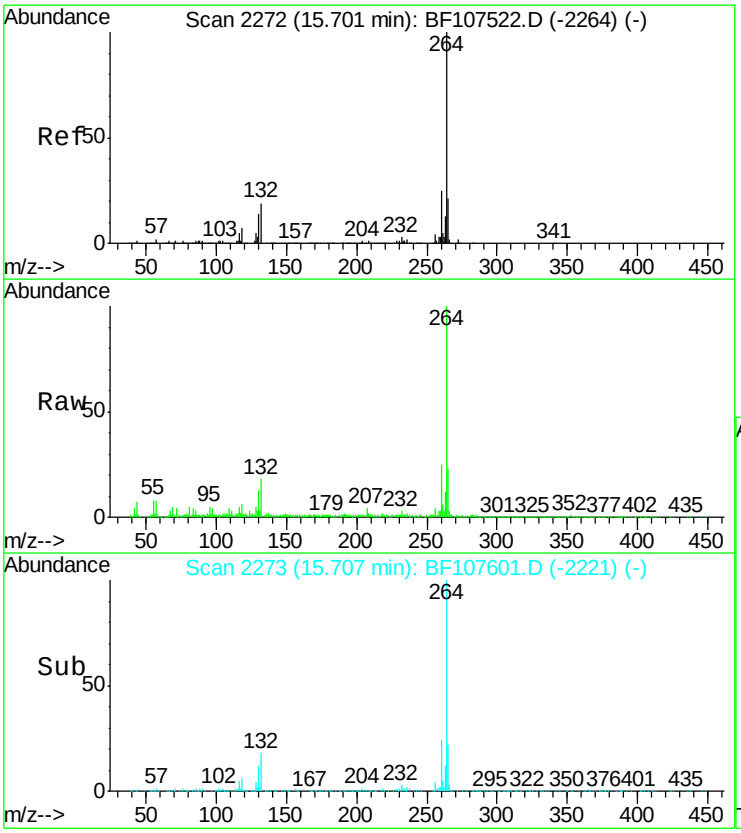
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.179 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion:276 Resp: 52823

Ion	Ratio	Lower	Upper
276	100		
138	21.9	25.0	37.6#
277	22.1	20.1	30.1

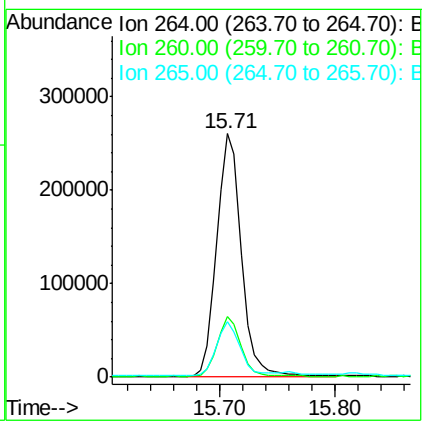


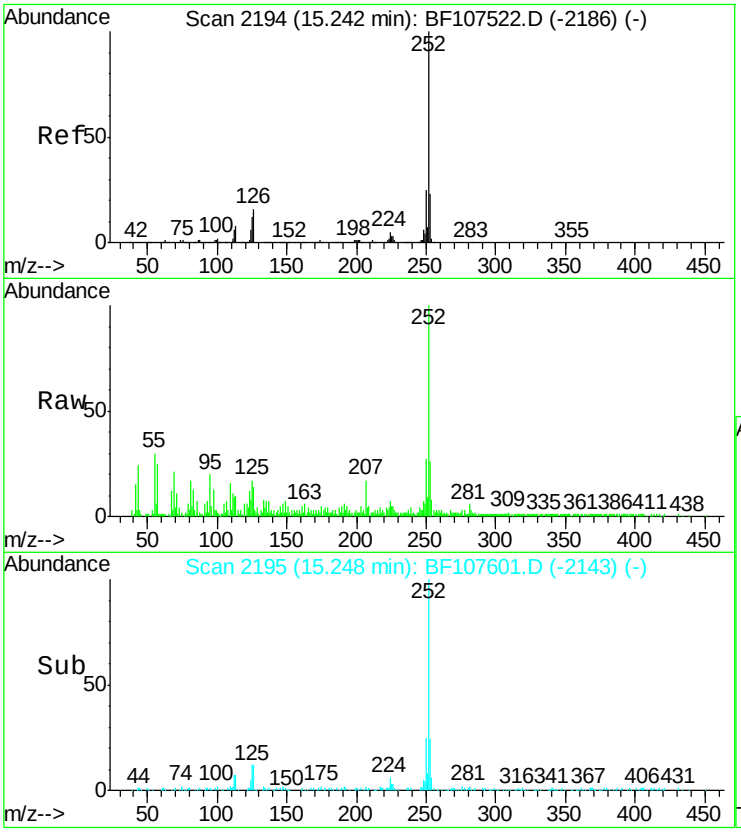


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion:264 Resp: 385608

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.0	17.5	26.3



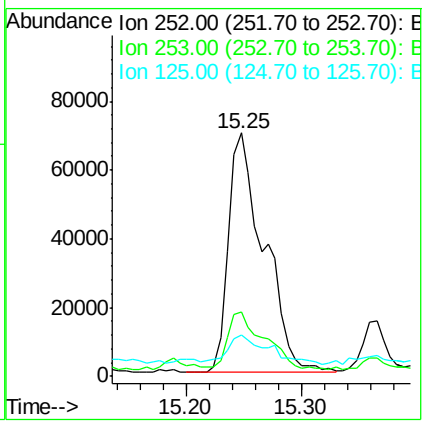


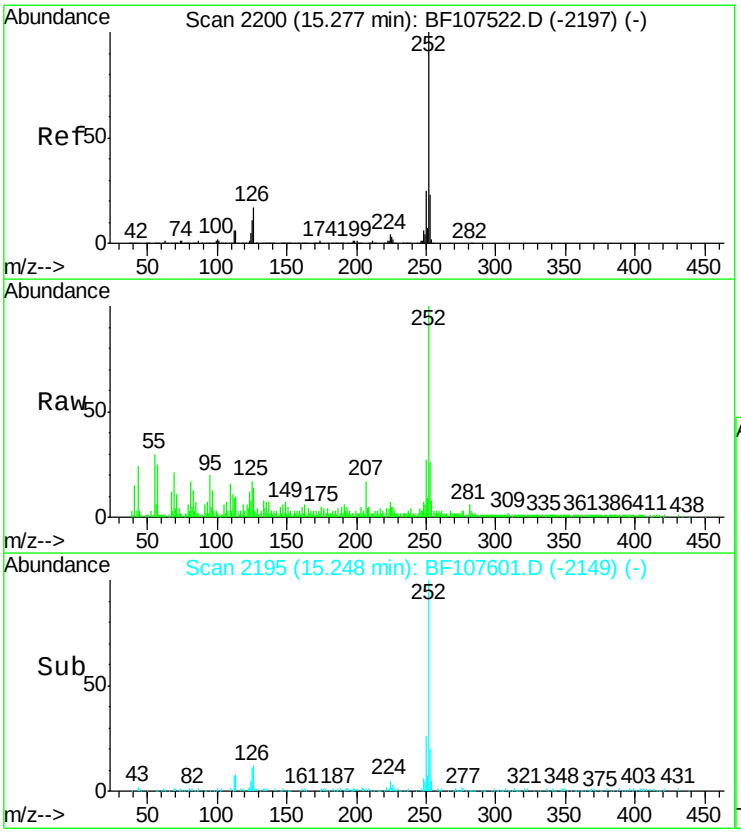
#87
Benzo(b)fluoranthene
Concen: 7.047 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion:252 Resp: 148720

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.0	25.6#
125	16.8	9.0	13.6#

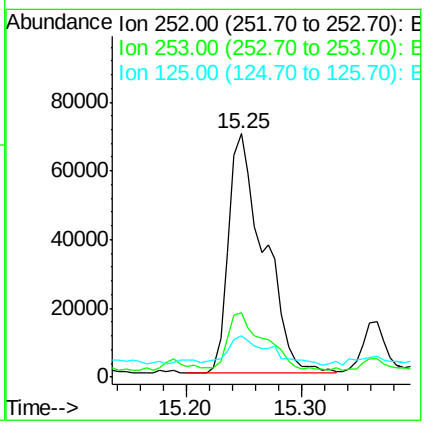


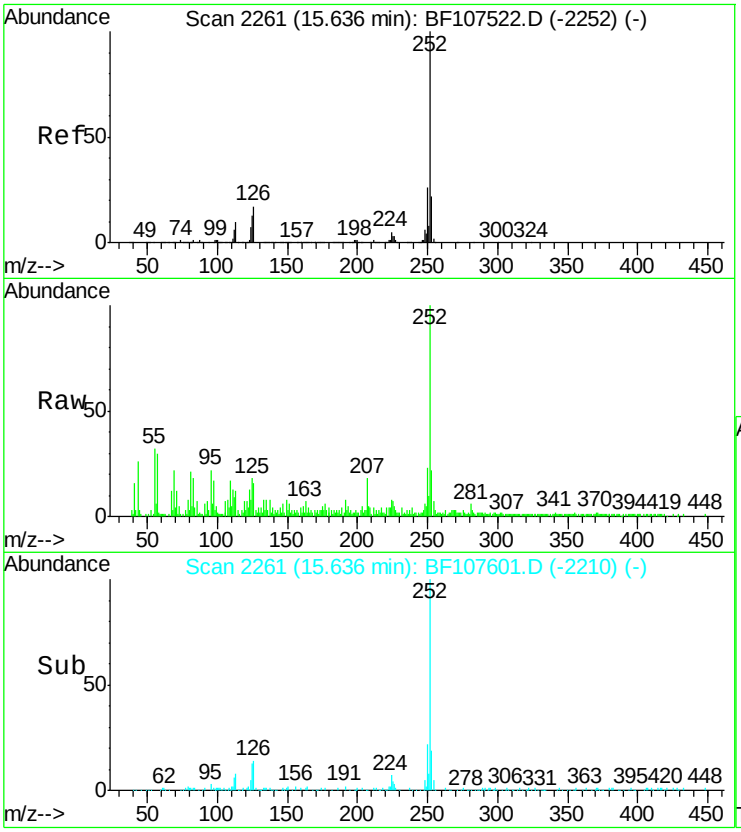


#88
Benzo(k)fluoranthene
Concen: 7.193 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion:252 Resp: 148720

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	16.8	10.2	15.2#



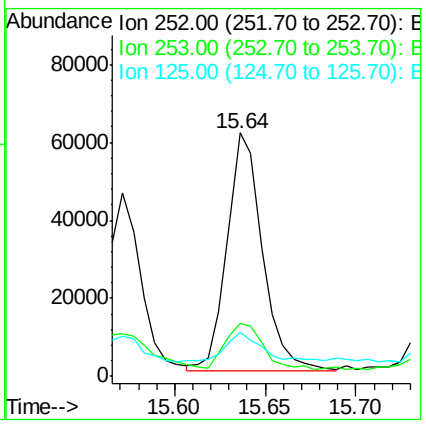


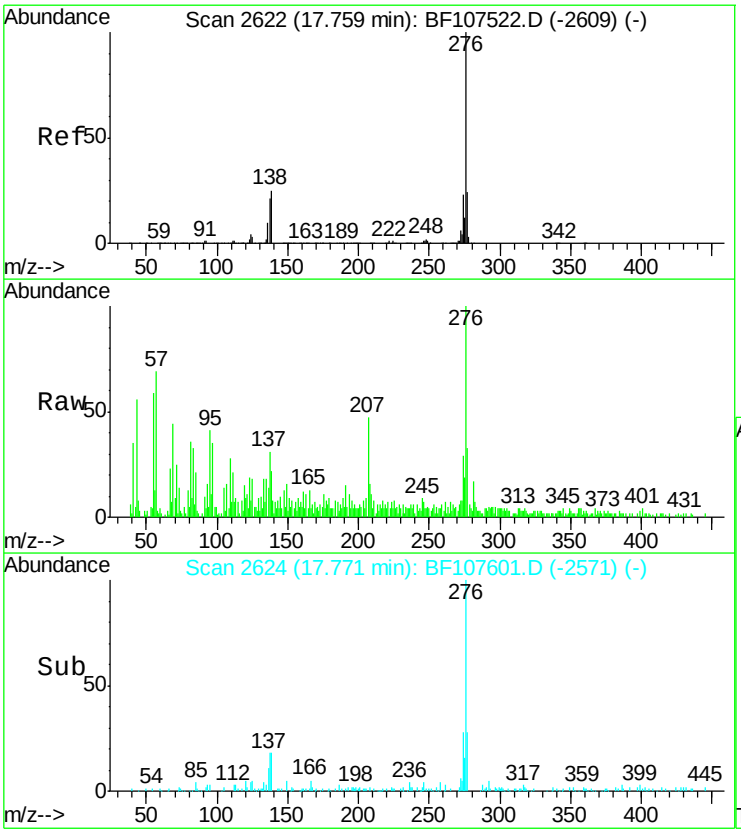
#89
Benzo(a)pyrene
Concen: 4.326 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Instrument :
BNA_F
ClientSampleId :
MARKET-ST

Tgt Ion:252 Resp: 83511

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	18.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.383 ng
RT: 17.77 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF107601.D
Acq: 23 Jul 2018 21:07

Tgt Ion:276 Resp: 55691

Ion	Ratio	Lower	Upper
276	100		
277	32.8	17.9	26.9#
138	22.0	21.8	32.8