Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107669.D
Acq On : 25 Jul 2018 20:44
Operator : JU/SJ
Sample : J4031-04 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 26 02:06:12 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	6.97	152	202379	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	798475	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	311393	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	570895	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	431608	20.00	ng		-0.01
86) Perylene-d12	15.69	264	383676	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	505847	40.19	ng		-0.01
7) Phenol-d6	6.60	99	693722	45.90	ng		-0.02
23) Nitrobenzene-d5	7.53	82	391513	33.09	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	163996	46.31	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	765929	34.64	ng		-0.02
78) Terphenyl-d14	13.08	244	612283	36.32	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	12159	Below Cal			87
19) n-Nitroso-di-n-propylamine	7.53	70	50646	5.187	ng	#	85
25) Isophorone	7.53	82	391513	15.498	ng	#	64
32) Benzoic acid	8.25	122	119	7.913	ng	#	1
49) Dimethylphthalate	9.71	163	65208	2.779	ng		98
50) 2,6-Dinitrotoluene	10.01	165	41260	8.855	ng	#	26
56) 2,4-Dinitrotoluene	10.01	165	41260	7.336	ng	#	23
73) Di-n-butylphthalate	12.05	149	2517	Below Cal		#	81
74) Fluoranthene	12.72	202	122258	4.095	ng		95
77) Pyrene	12.72	202	122258	4.141	ng		96
80) Benzo(a)anthracene	14.18	228	54116	2.140	ng		96
81) 3,3'-Dichlorobenzidine	14.11	252	339	Below Cal		#	74
82) Chrysene	14.18	228	54116	2.227	ng		99
87) Benzo(b)fluoranthene	15.23	252	83077	3.956	ng	#	91
88) Benzo(k)fluoranthene	15.23	252	83077	4.038	ng	#	94

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

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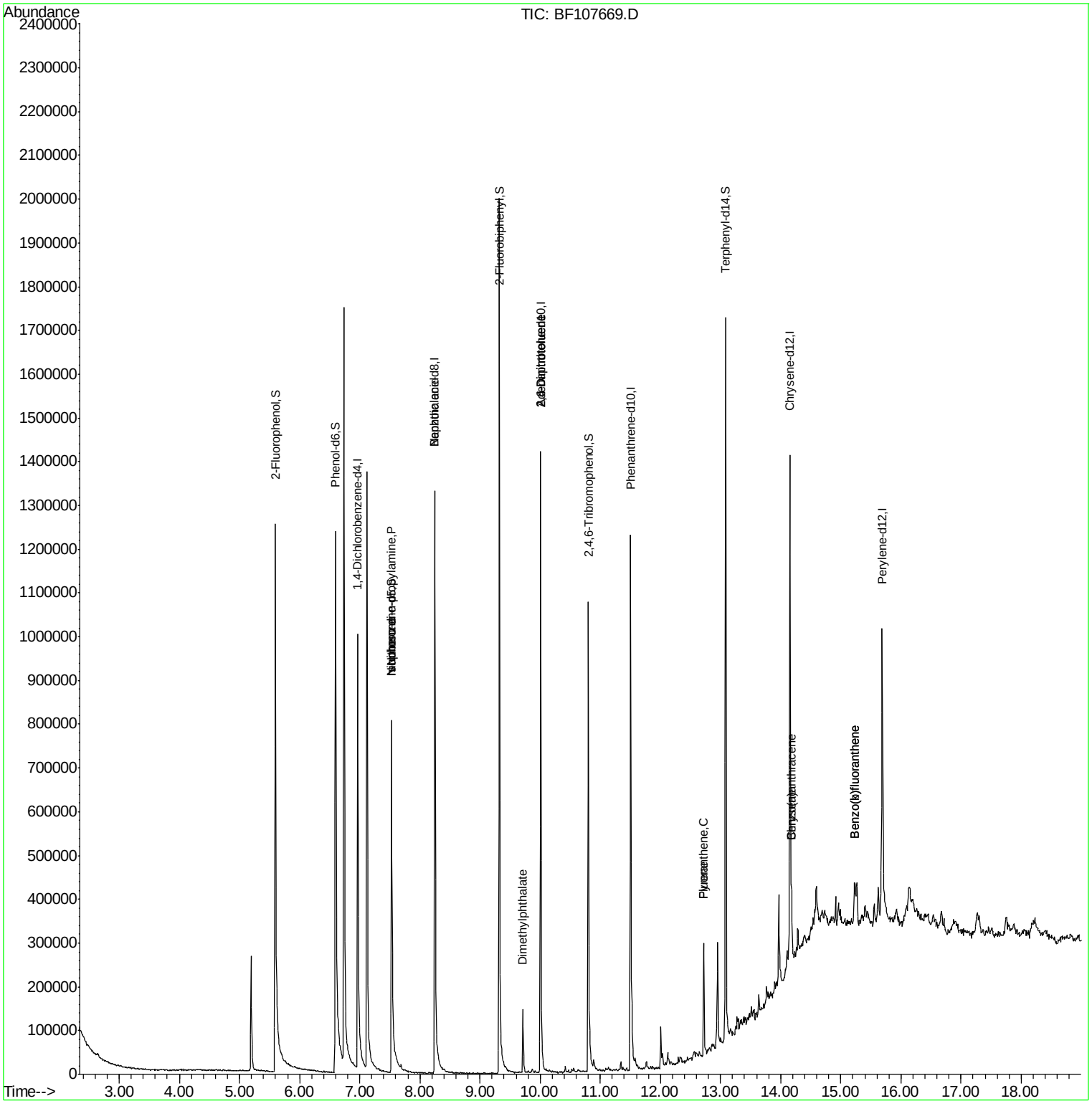
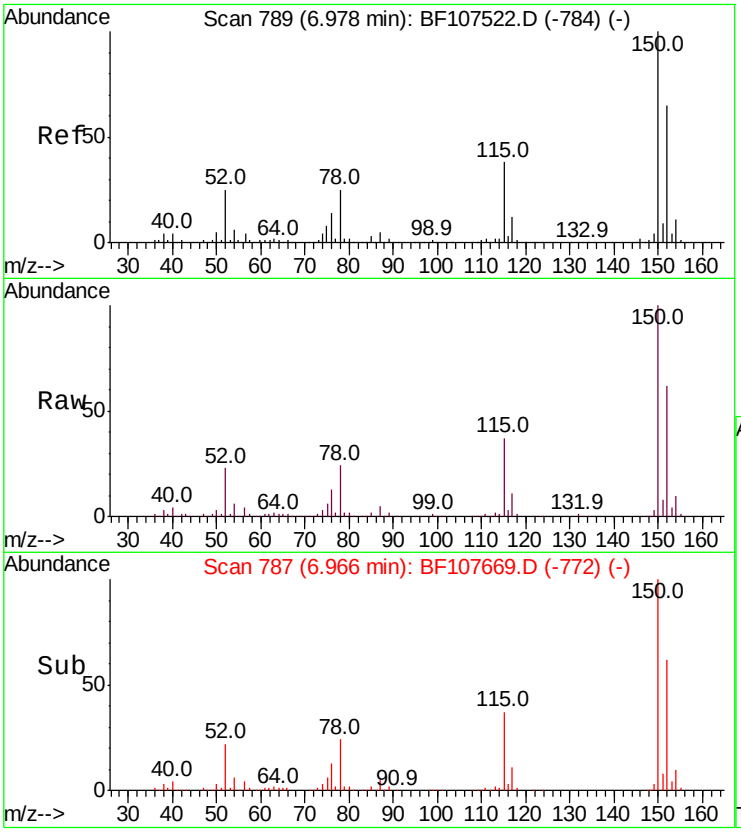


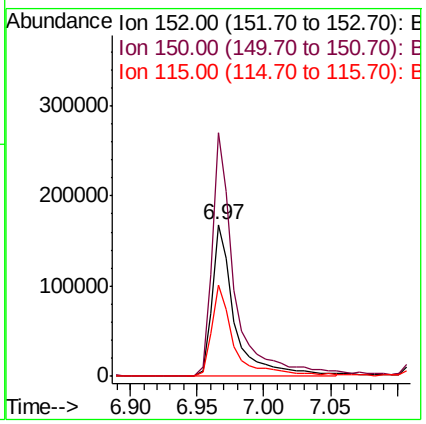


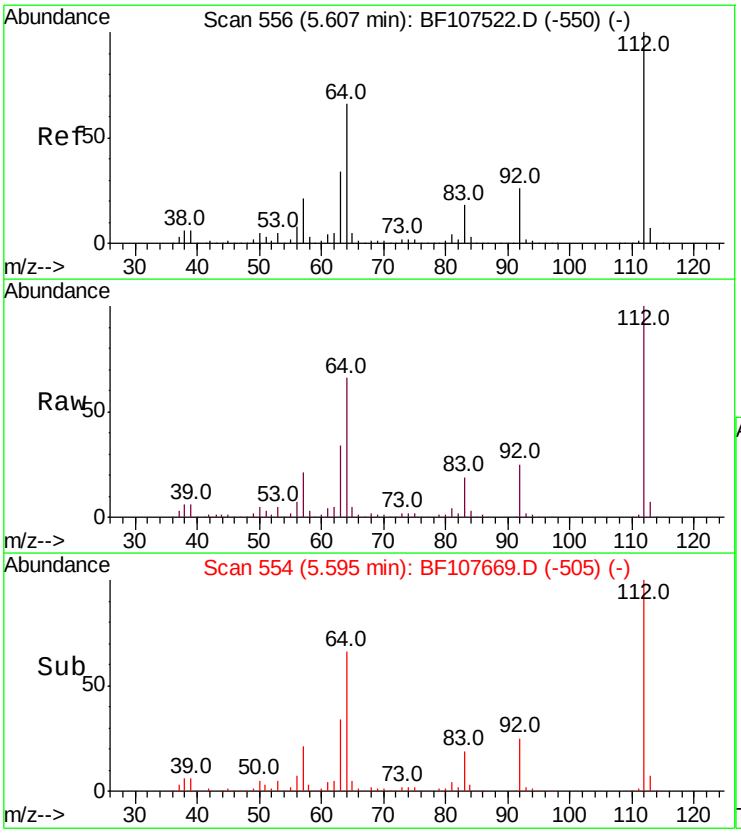
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 202379

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	60.1	50.1	75.1

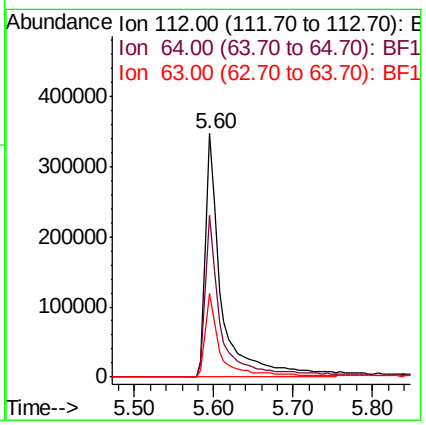


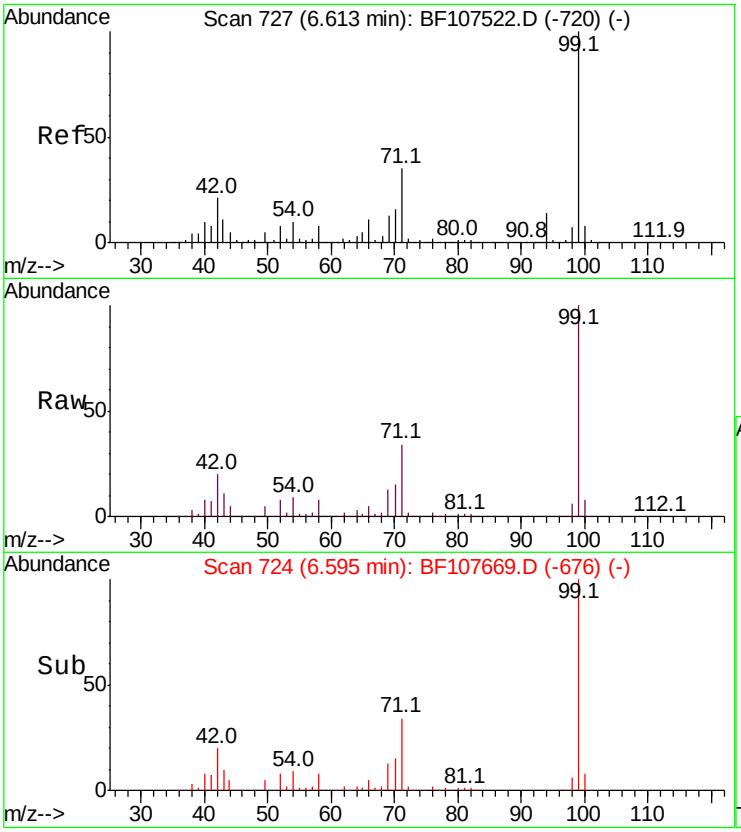


#5
2-Fluorophenol
Concen: 40.187 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion:112 Resp: 505847

Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	34.2	23.7	35.5



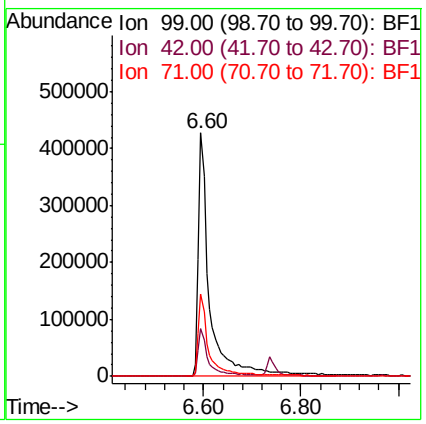


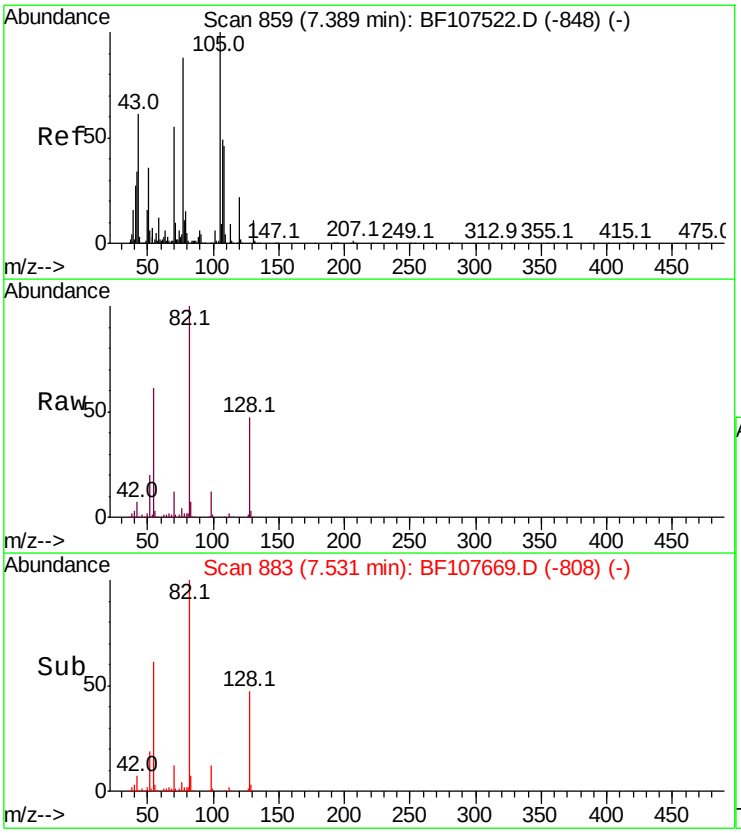
#7
Phenol-d6
Concen: 45.899 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 693722

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	33.9	25.4	38.0

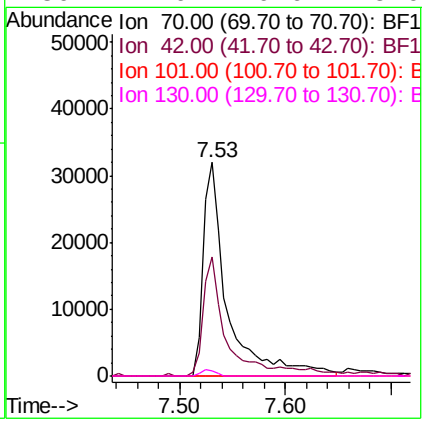


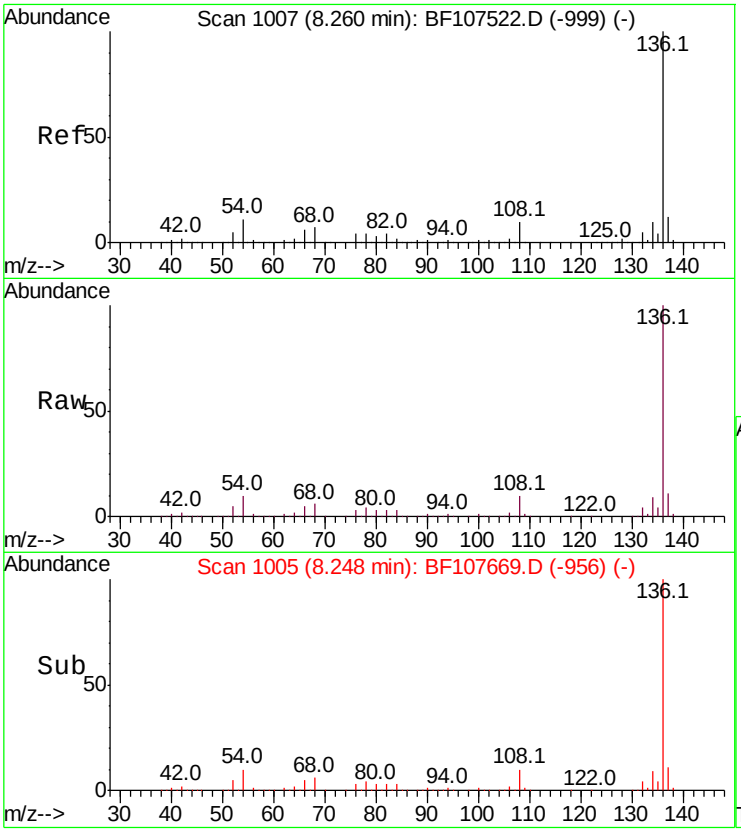


#19
n-Nitroso-di-n-propylamine
Concen: 5.187 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion: 70 Resp: 50646

Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



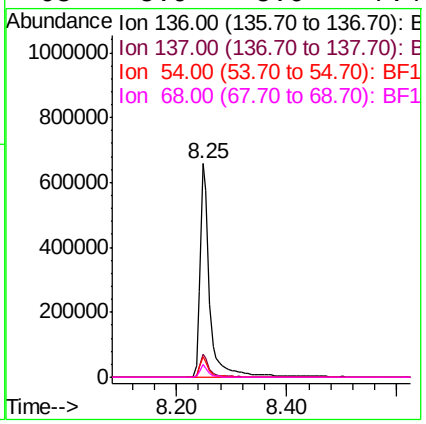


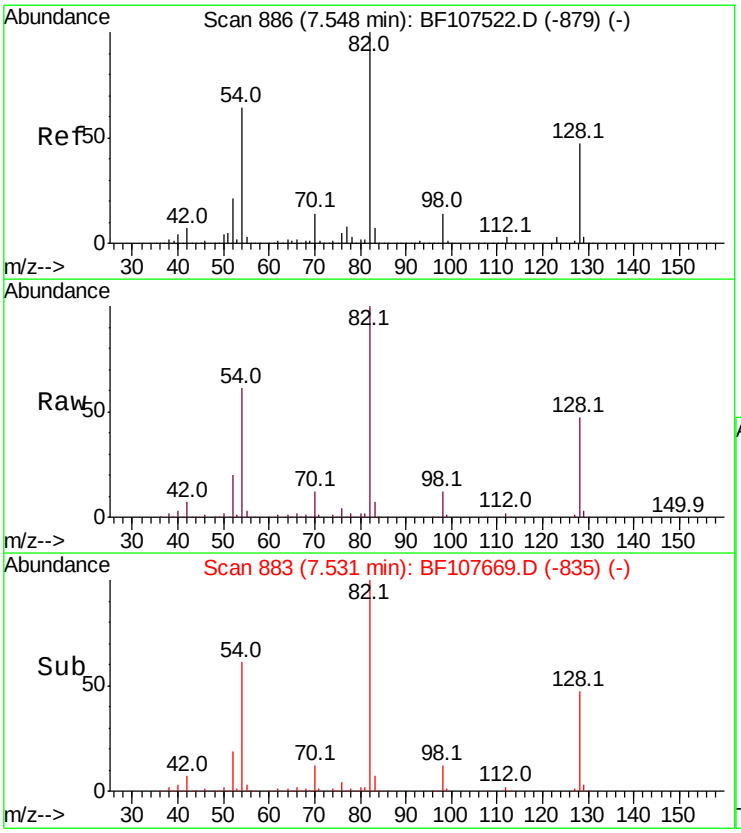
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 798475

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.9	6.6	9.8#
68	5.9	5.0	7.4

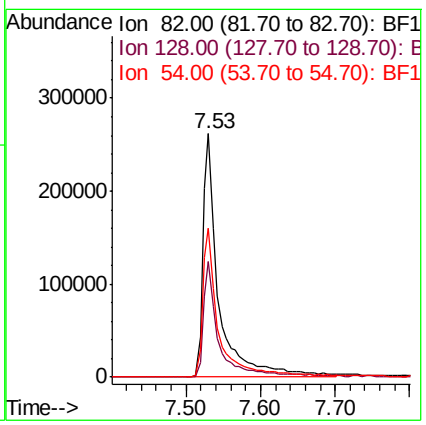


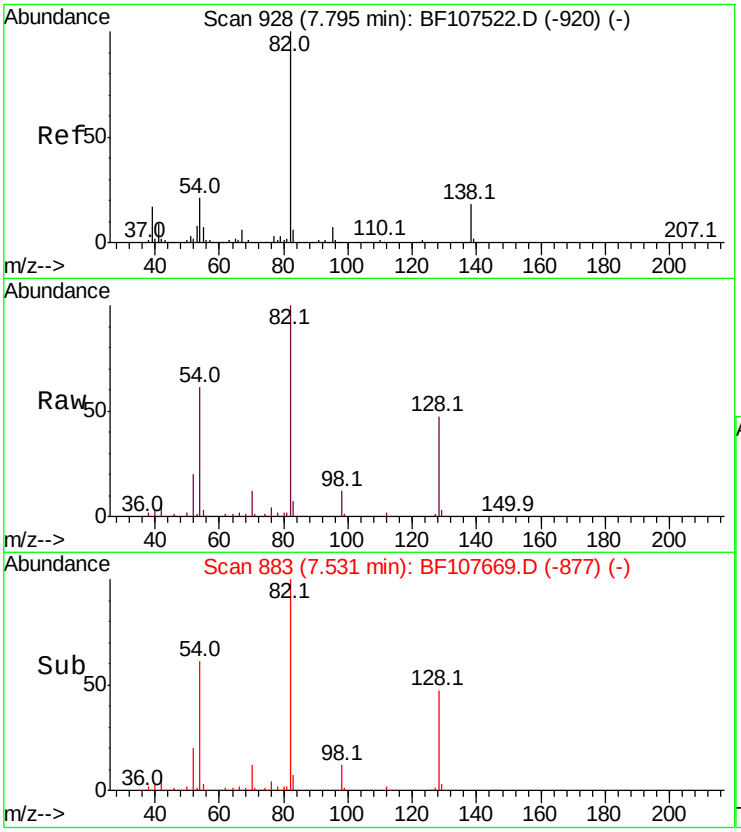


#23
Nitrobenzene-d5
Concen: 33.091 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion: 82 Resp: 391513

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	61.3	41.4	62.2



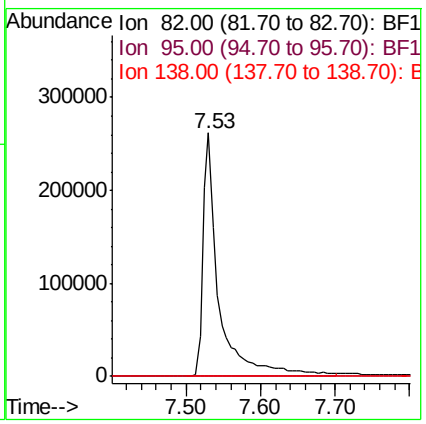


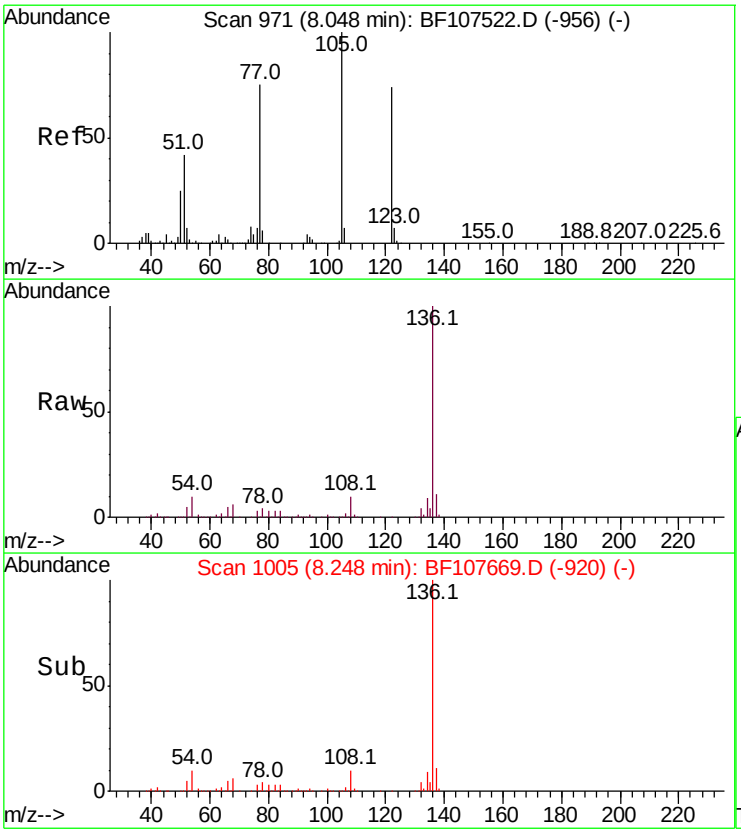
#25
Isophorone
Concen: 15.498 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 391513

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

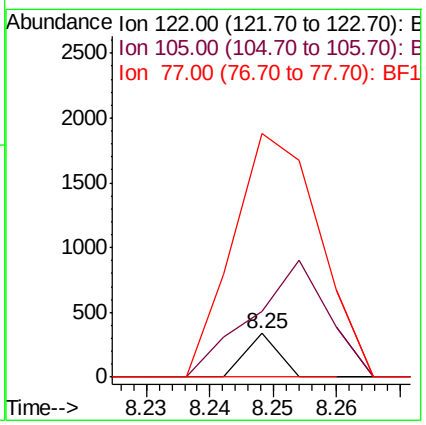


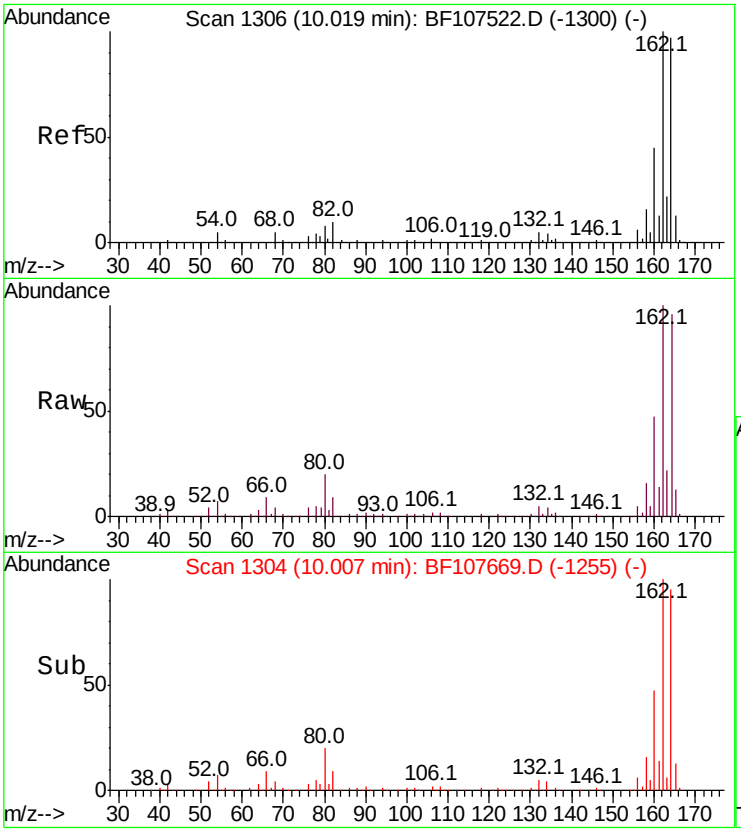


#32
Benzoic acid
Concen: 7.913 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.20 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion:122 Resp: 119

Ion	Ratio	Lower	Upper
122	100		
105	149.9	101.1	141.1#
77	557.6	70.7	110.7#



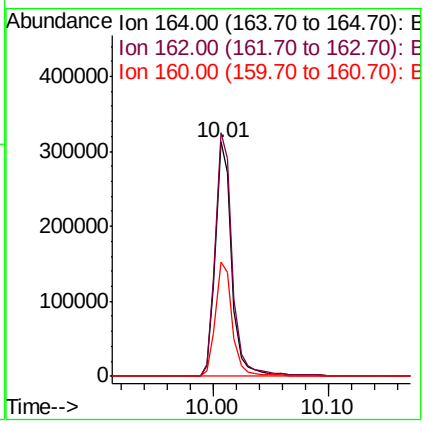


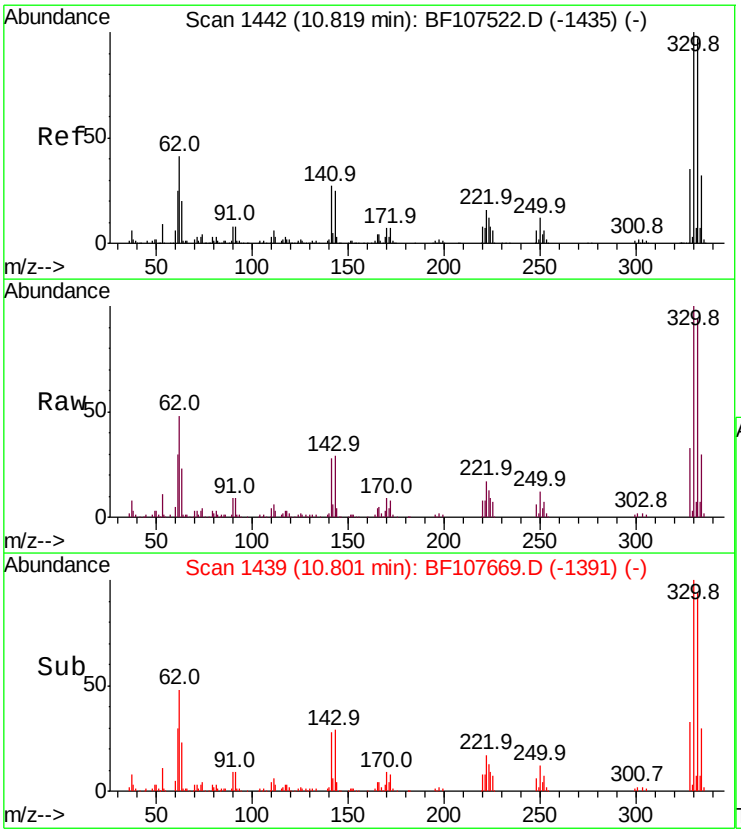
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 311393

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	48.6	38.3	57.5

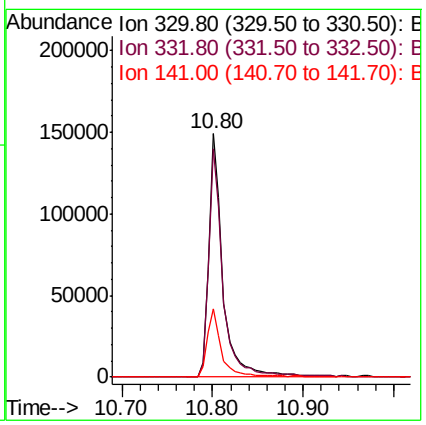


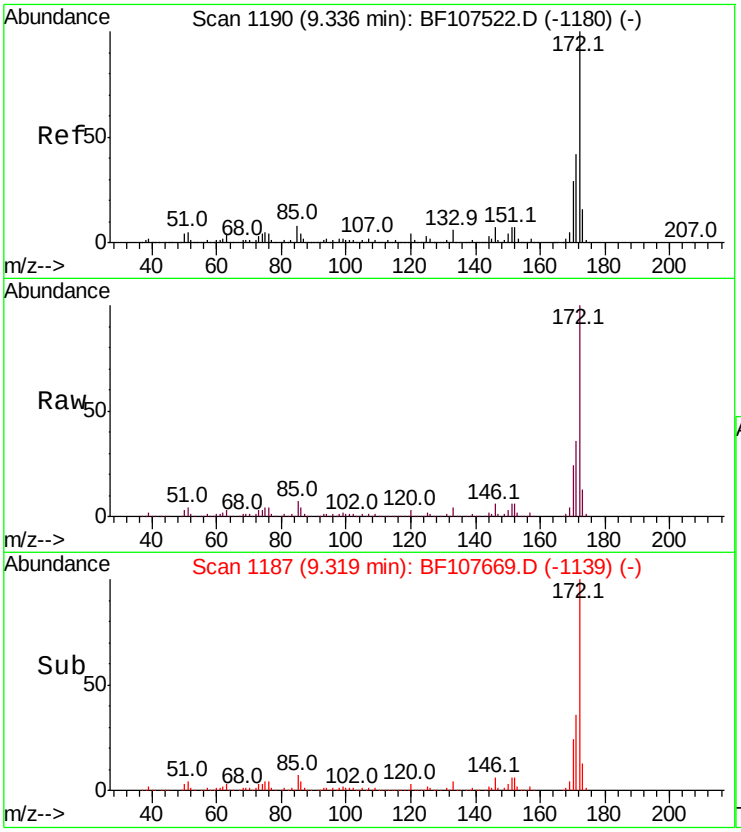


#41
2,4,6-Tribromophenol
Concen: 46.313 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion:330 Resp: 163996

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	28.3	29.9	44.9#



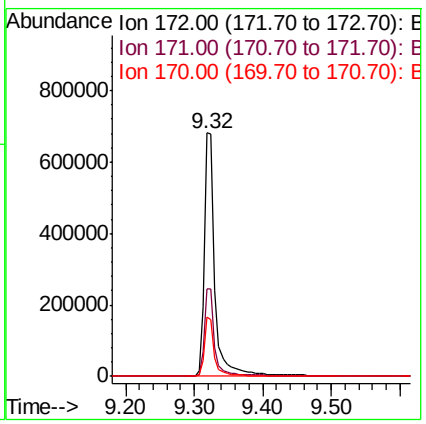


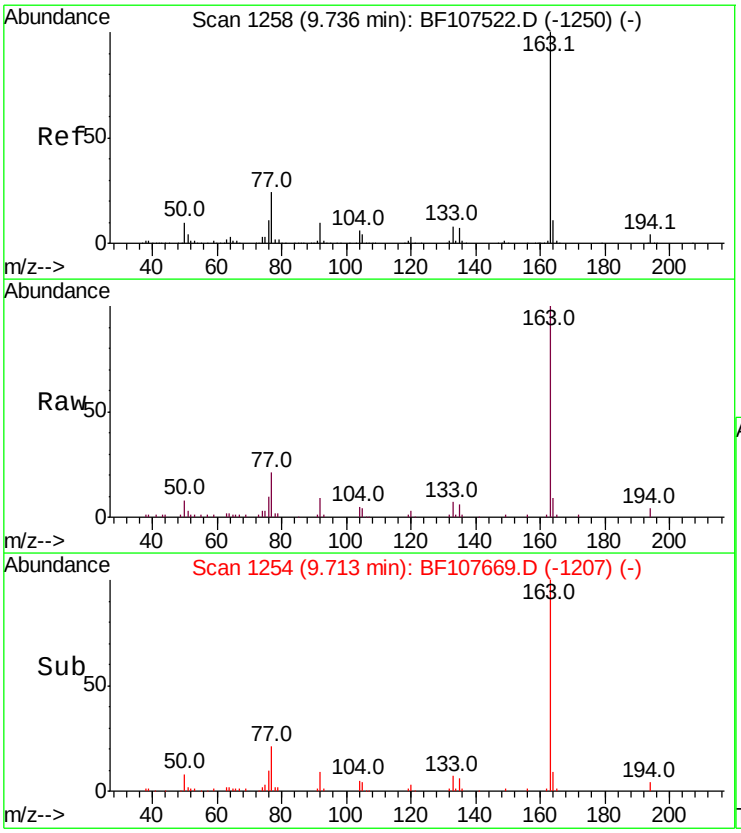
#44
2-Fluorobiphenyl
Concen: 34.642 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 765929

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4

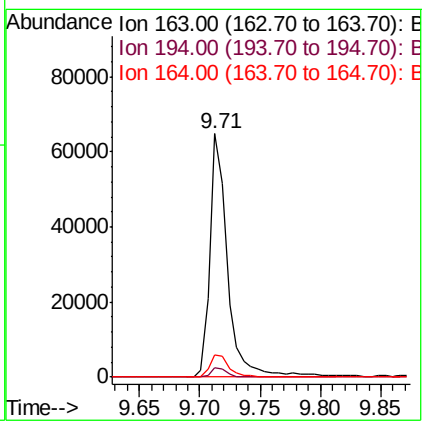


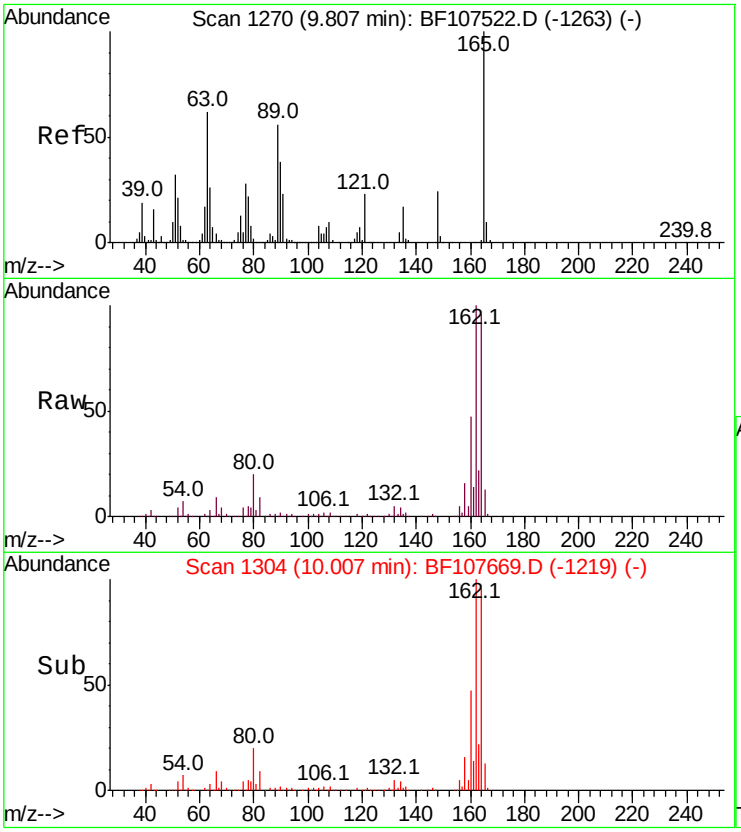


#49
Dimethylphthalate
Concen: 2.779 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion:163 Resp: 65208

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.2	8.2	12.2



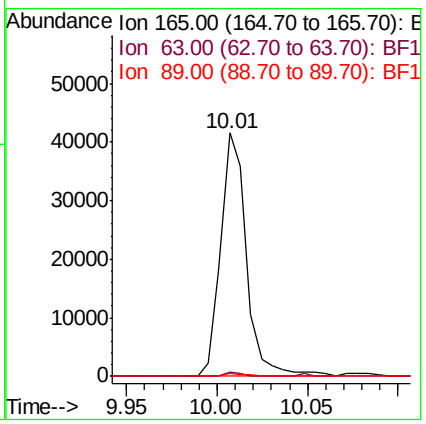


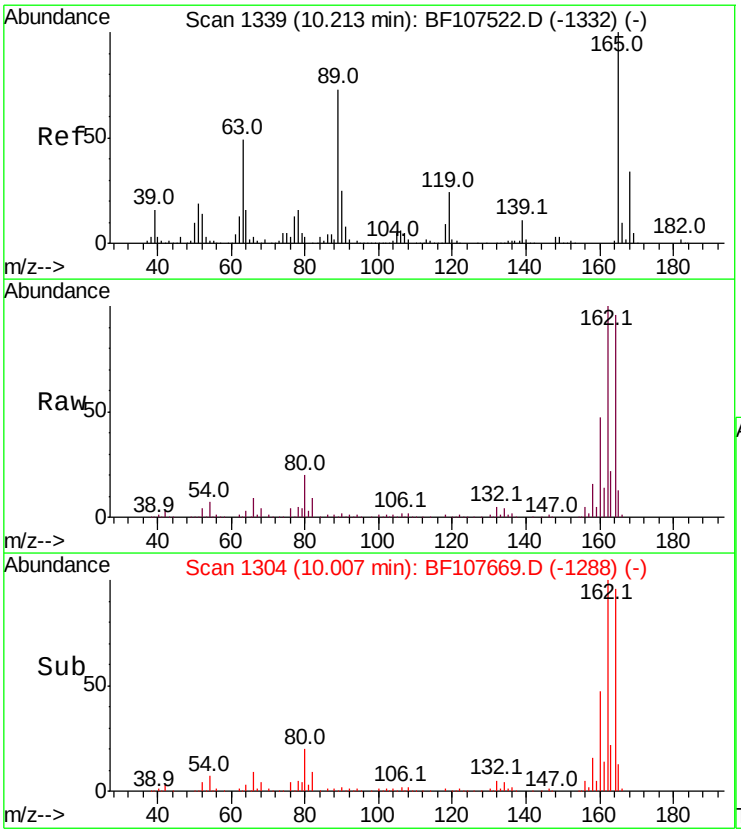
#50
2,6-Dinitrotoluene
Concen: 8.855 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41260

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#

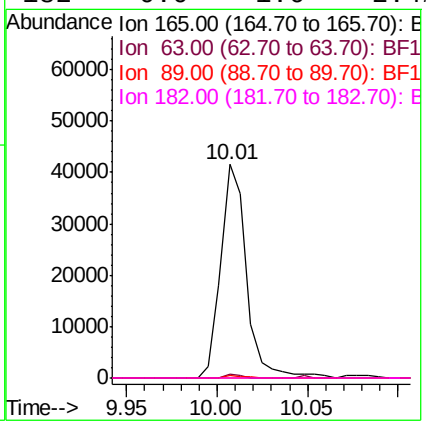


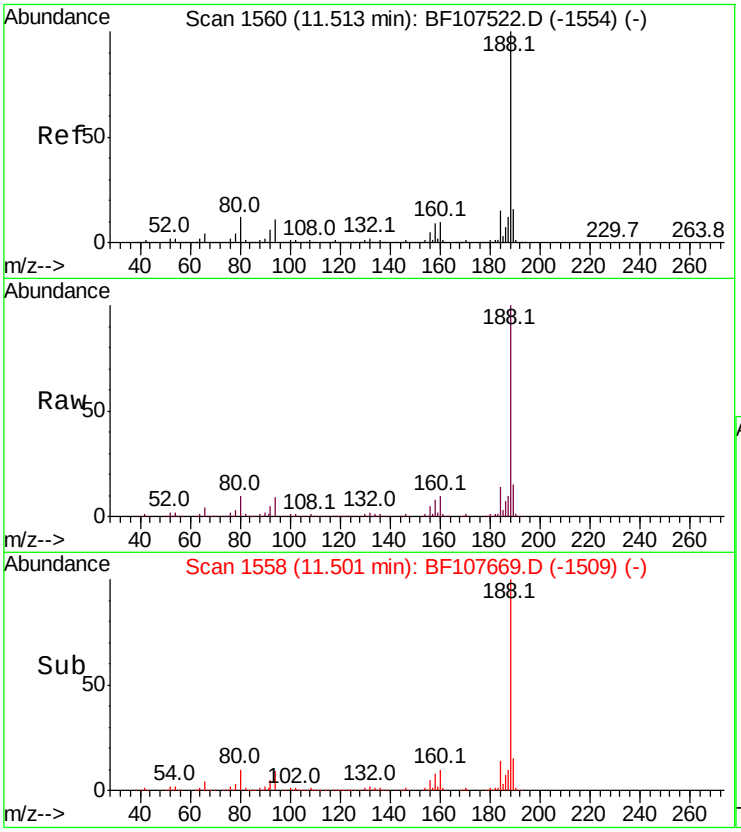


#56
2,4-Dinitrotoluene
Concen: 7.336 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion:165 Resp: 41260

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



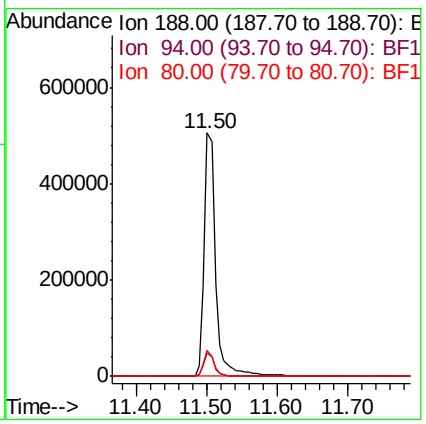


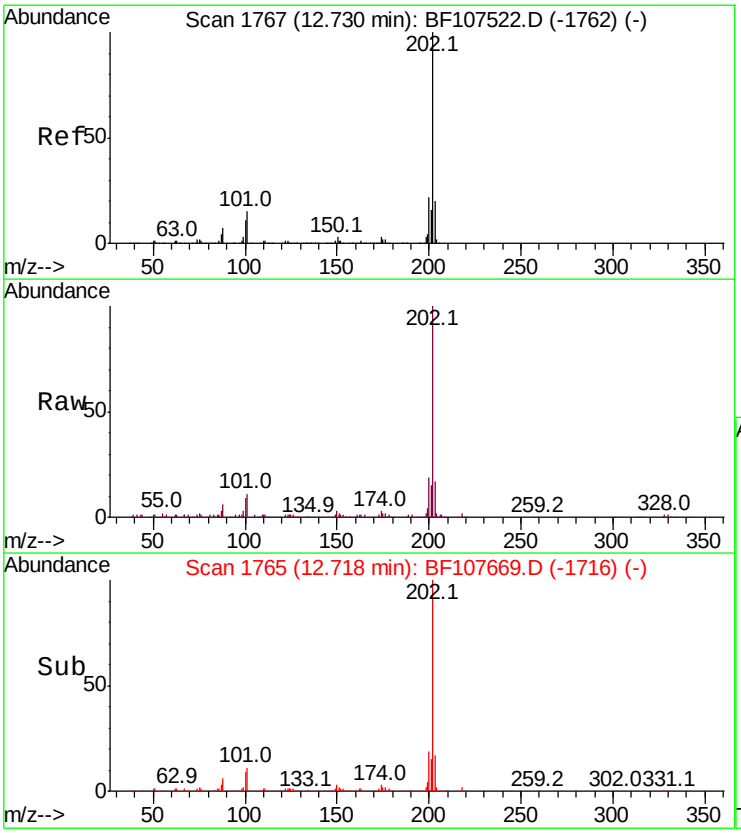
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 570895

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.5	9.2	13.8

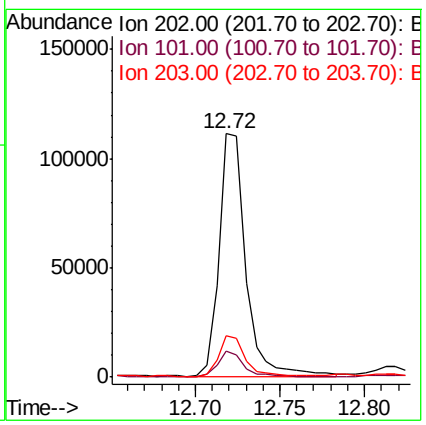


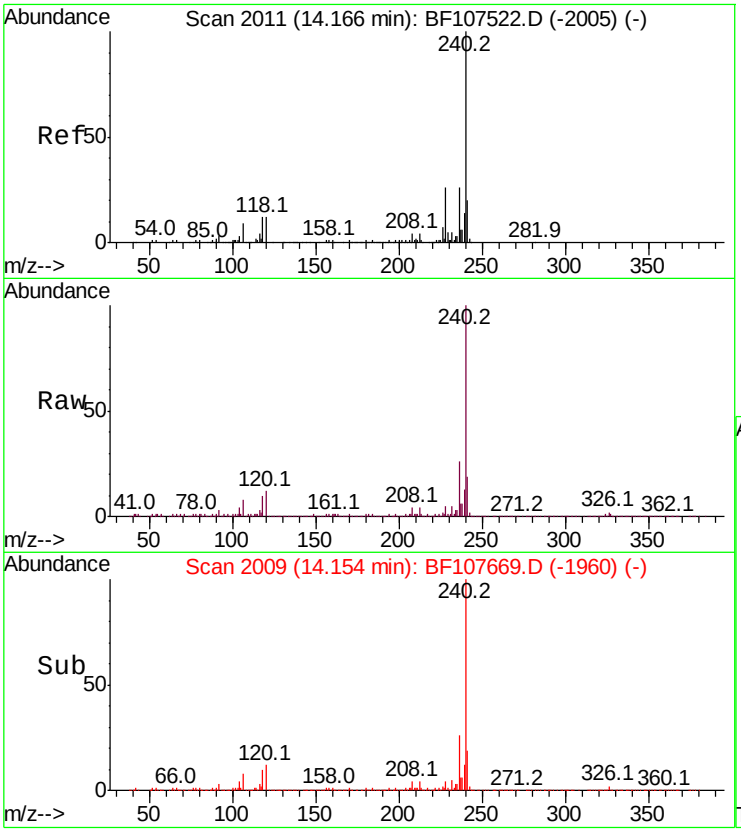


#74
Fluoranthene
Concen: 4.095 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion:202 Resp: 122258

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	16.9	0.0	38.1



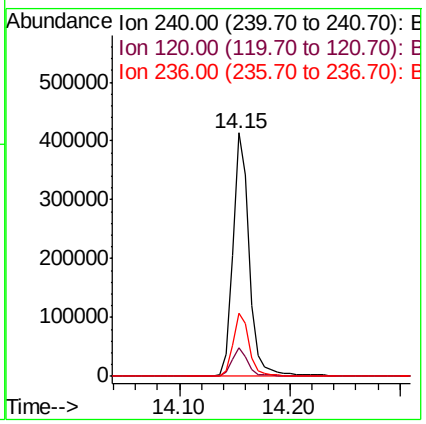


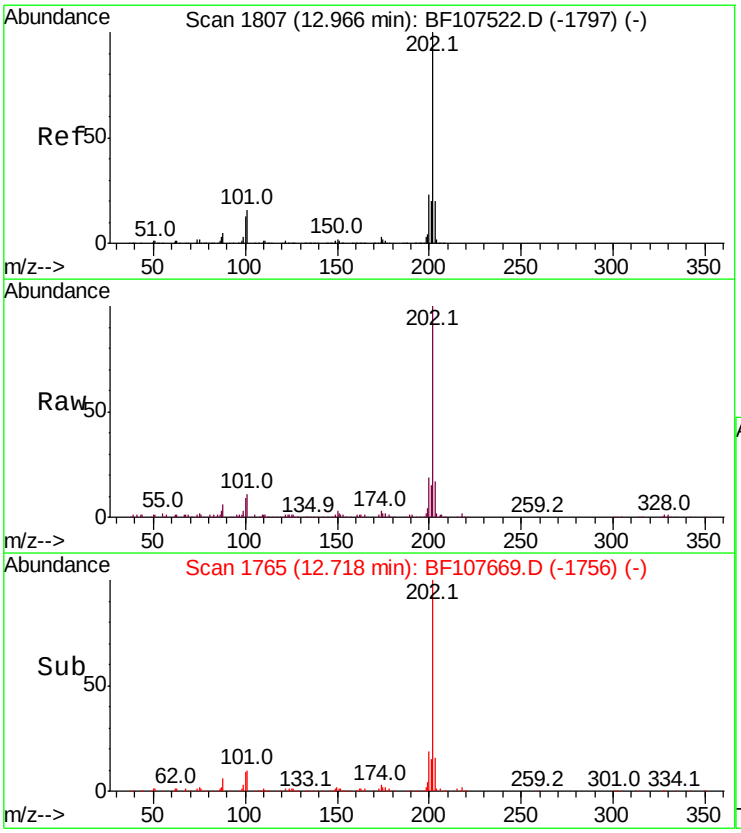
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 431608

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.0	20.7	31.1

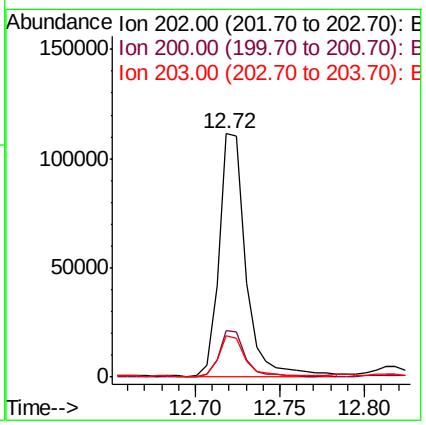


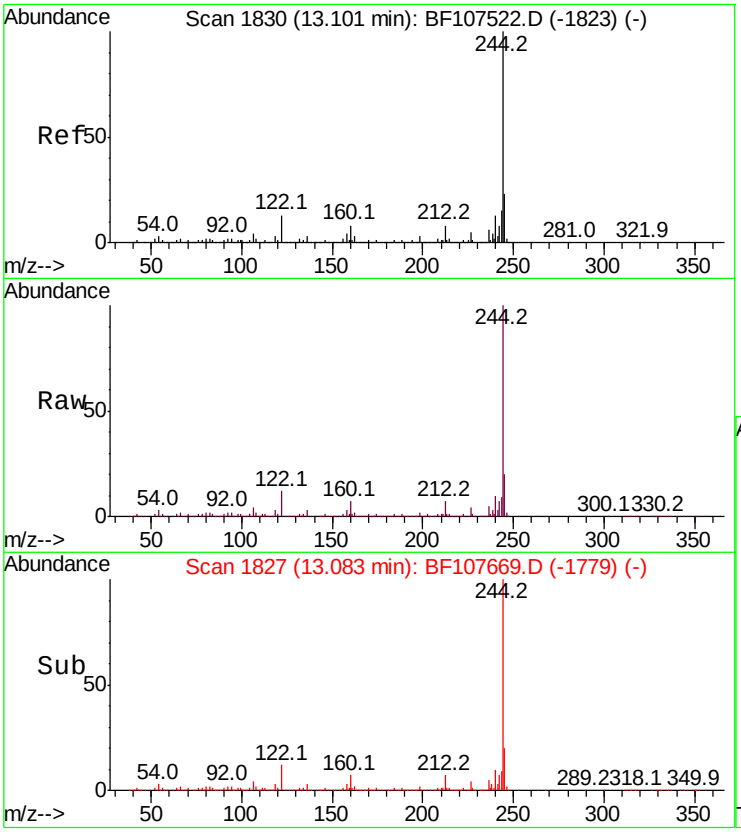


#77
Pyrene
Concen: 4.141 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.25 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion:202 Resp: 122258

Ion	Ratio	Lower	Upper
202	100		
200	19.1	17.4	26.2
203	16.9	14.3	21.5



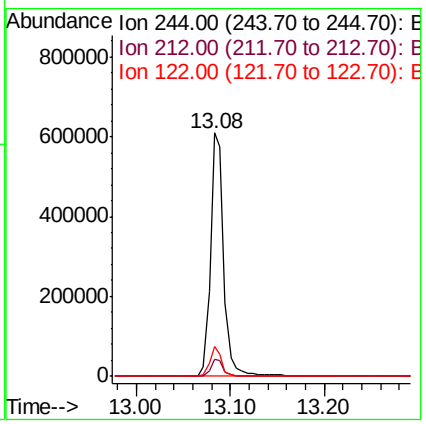


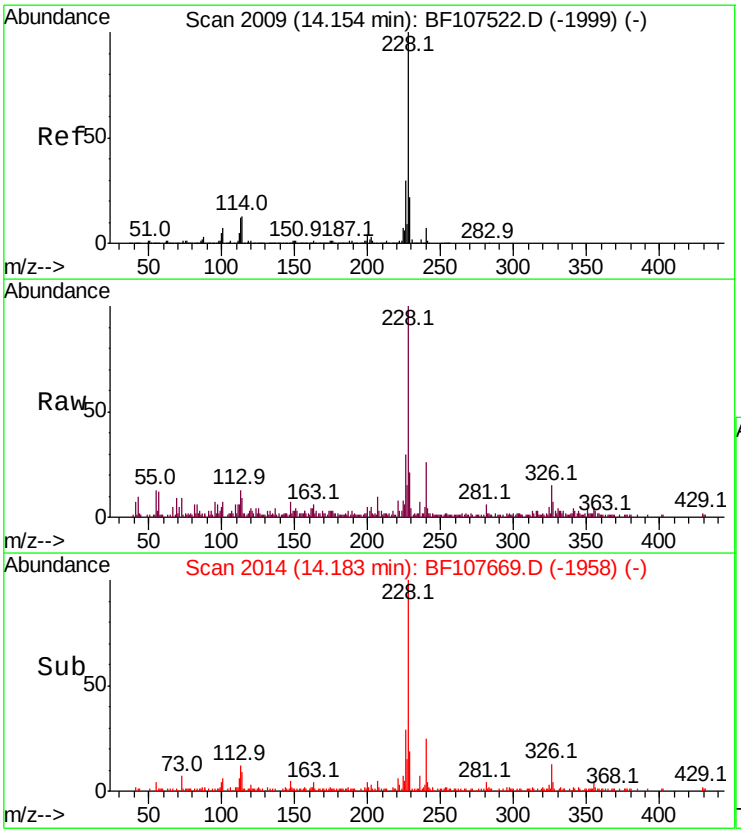
#78
Terphenyl-d14
Concen: 36.318 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 612283

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.2	11.0	16.4

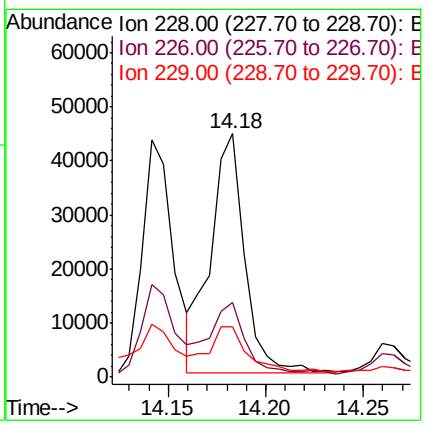


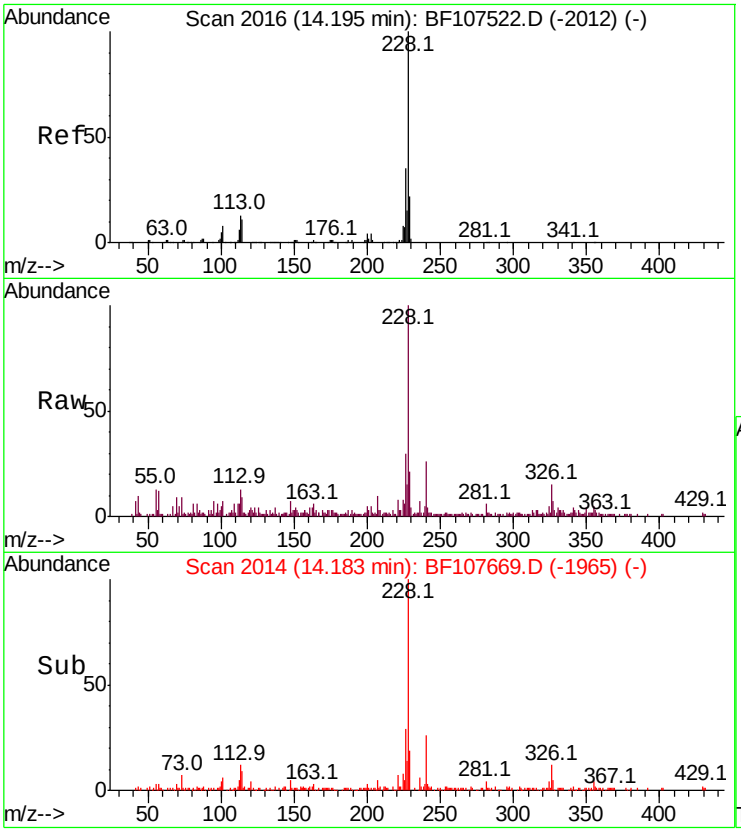


#80
Benzo(a)anthracene
Concen: 2.140 ng
RT: 14.18 min Scan# 2014
Delta R.T. 0.03 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion:228 Resp: 54116

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	20.9	15.8	23.6



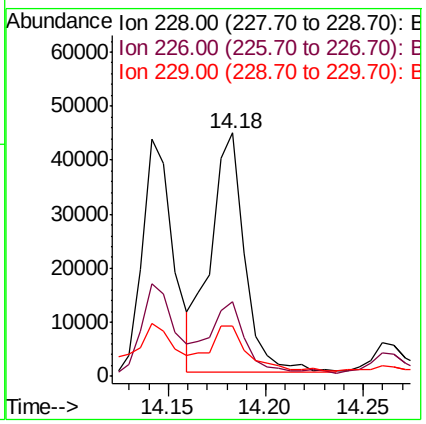


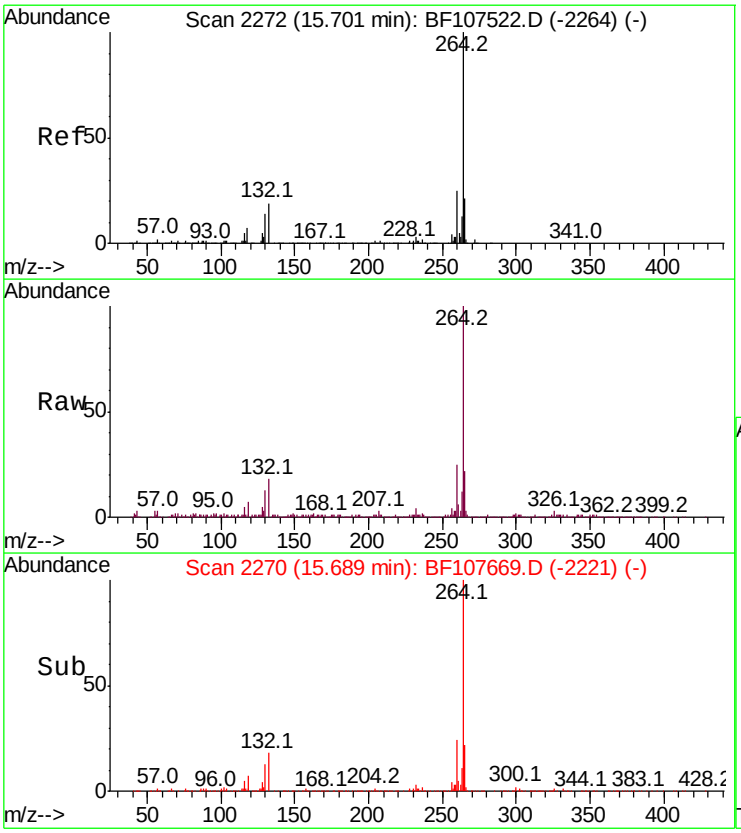
#82
Chrysene
Concen: 2.227 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 54116

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.9	16.2	24.4

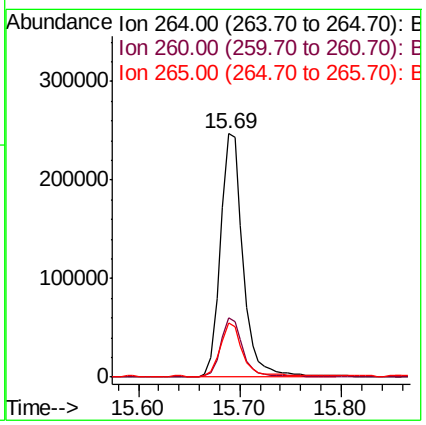


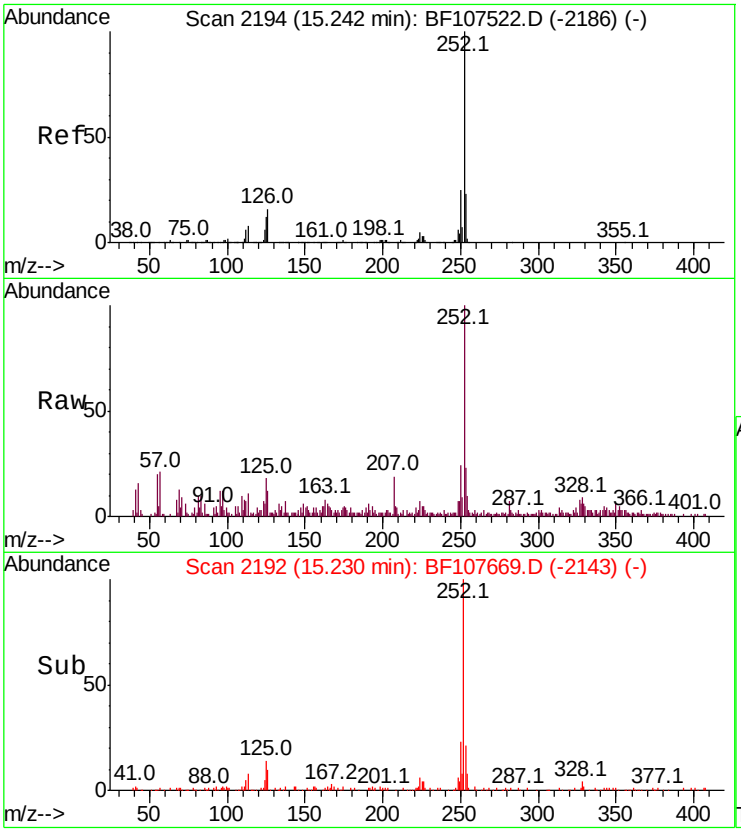


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion:264 Resp: 383676

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.0	17.5	26.3



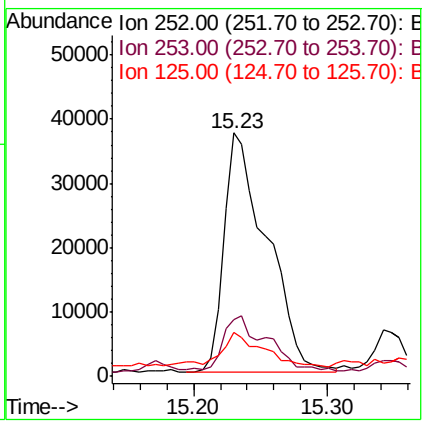


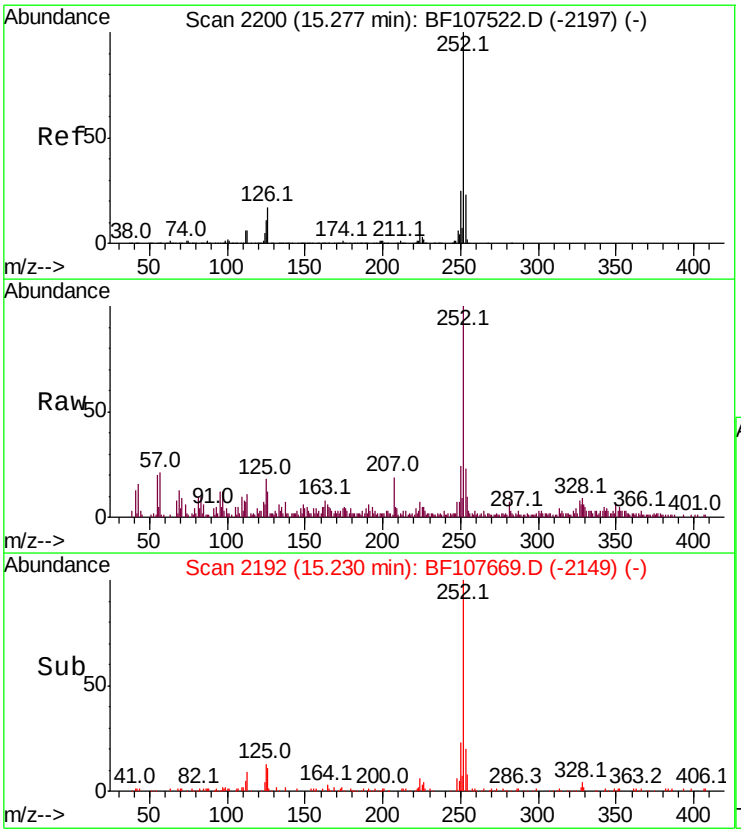
#87
Benzo(b)fluoranthene
Concen: 3.956 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 83077

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	18.1	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 4.038 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.05 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion:252 Resp: 83077

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	18.1	10.2	15.2#