Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107668.D
Acq On : 25 Jul 2018 20:17
Operator : JU/SJ
Sample : J4031-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 26 02:05:58 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	193600	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	738675	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	289614	20.00	ng		-0.01
63) Phenanthrene-d10	11.51	188	506803	20.00	ng		0.00
75) Chrysene-d12	14.15	240	429741	20.00	ng		-0.01
86) Perylene-d12	15.69	264	372974	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	582305	48.36	ng		-0.01
7) Phenol-d6	6.60	99	731759	50.61	ng		-0.02
23) Nitrobenzene-d5	7.53	82	434590	39.71	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	168544	51.18	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	824667	41.57	ng		-0.01
78) Terphenyl-d14	13.09	244	686620	40.90	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	12773	Below Cal			83
19) n-Nitroso-di-n-propylamine	7.53	70	52580	5.629	ng	#	84
25) Isophorone	7.53	82	434590	18.596	ng	#	64
49) Dimethylphthalate	9.71	163	66766	3.059	ng		98
50) 2,6-Dinitrotoluene	10.01	165	37087	8.558	ng	#	26
64) 4,6-Dinitro-2-methylphenol	10.80	198	140	8.728	ng	#	1
70) Phenanthrene	11.53	178	133821	5.419	ng		98
73) Di-n-butylphthalate	12.05	149	3520	Below Cal		#	89
74) Fluoranthene	12.72	202	312719	11.800	ng		96
77) Pyrene	12.95	202	279483	9.508	ng		98
80) Benzo(a)anthracene	14.18	228	146968	5.836	ng		93
81) 3,3'-Dichlorobenzidine	14.11	252	662	Below Cal		#	56
82) Chrysene	14.18	228	146968	6.075	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	77715	3.790	ng	#	87
87) Benzo(b)fluoranthene	15.23	252	248257	12.162	ng	#	94
88) Benzo(k)fluoranthene	15.23	252	248257	12.414	ng		97
89) Benzo(a)pyrene	15.62	252	121371	6.500	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	72766	4.570	ng	#	92

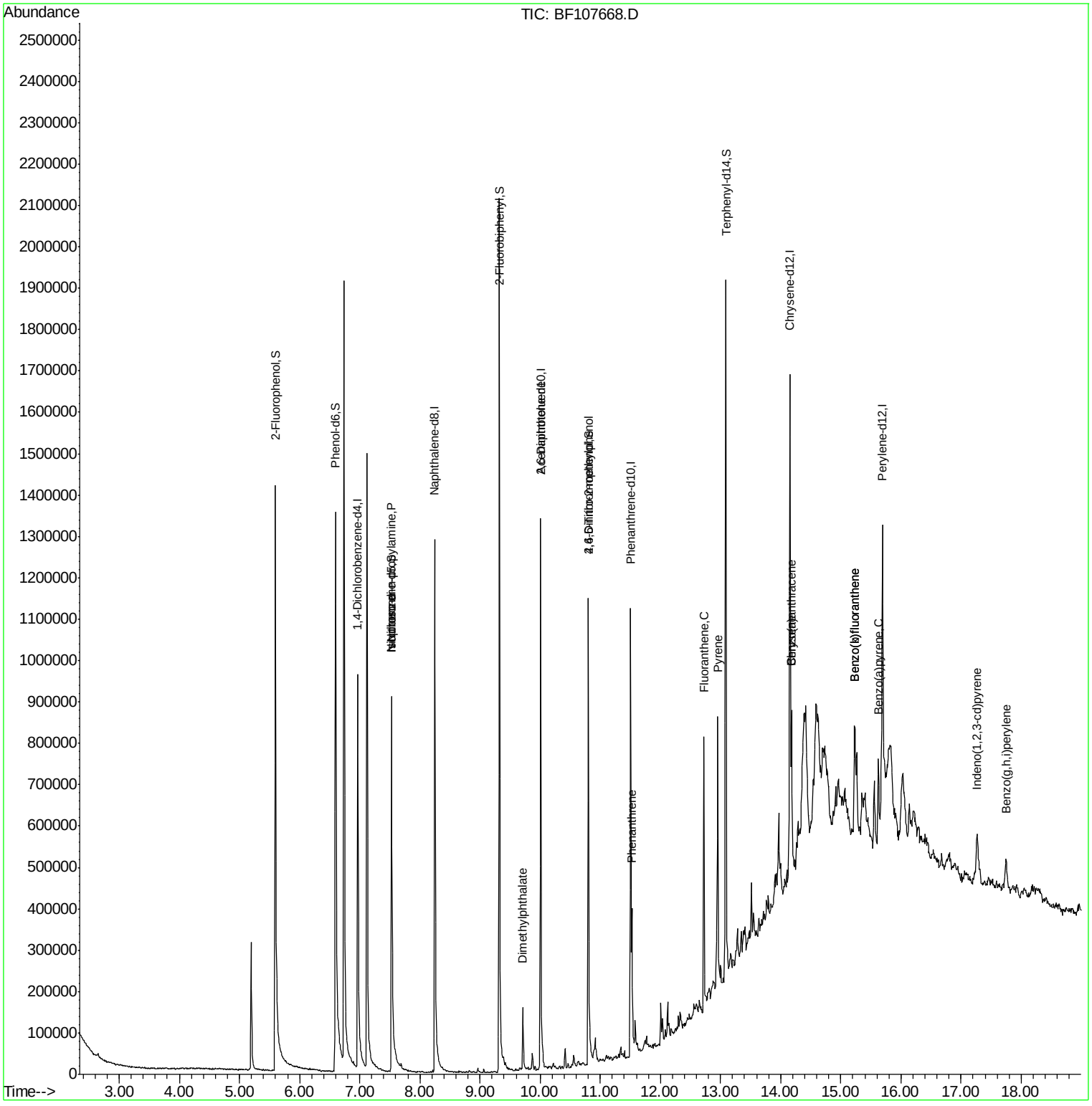
(#) = qualifier out of range (m) = manual integration (+) = signals summed

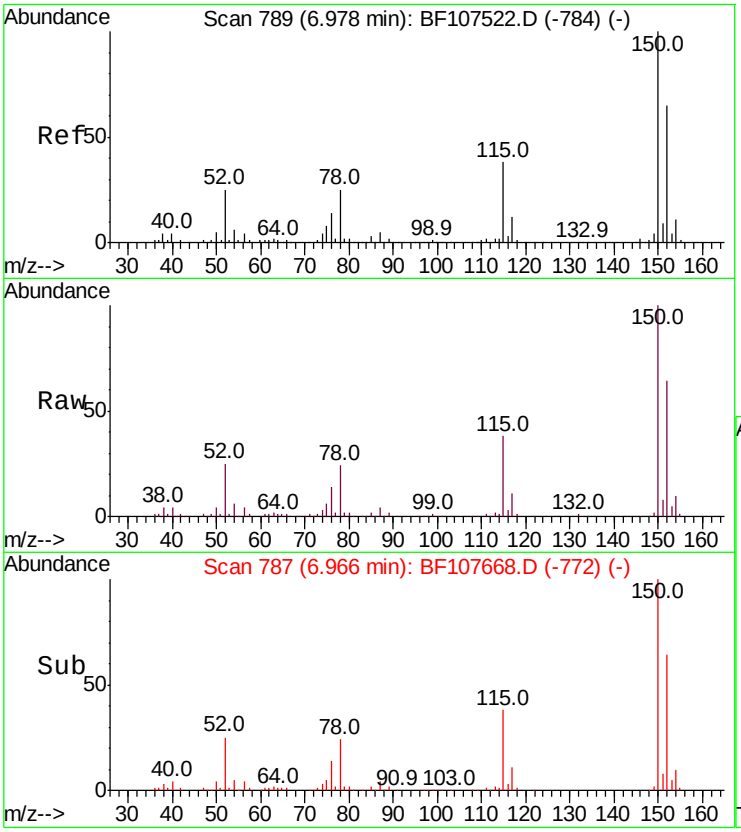
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107668.D
Acq On : 25 Jul 2018 20:17
Operator : JU/SJ
Sample : J4031-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 26 02:05:58 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



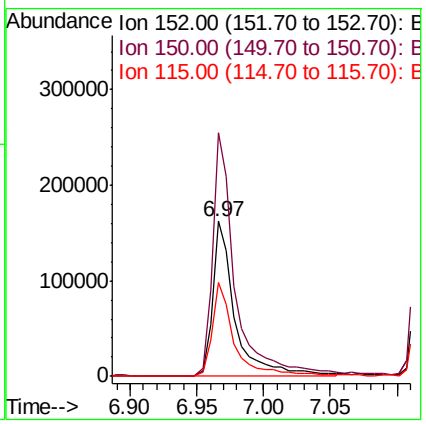


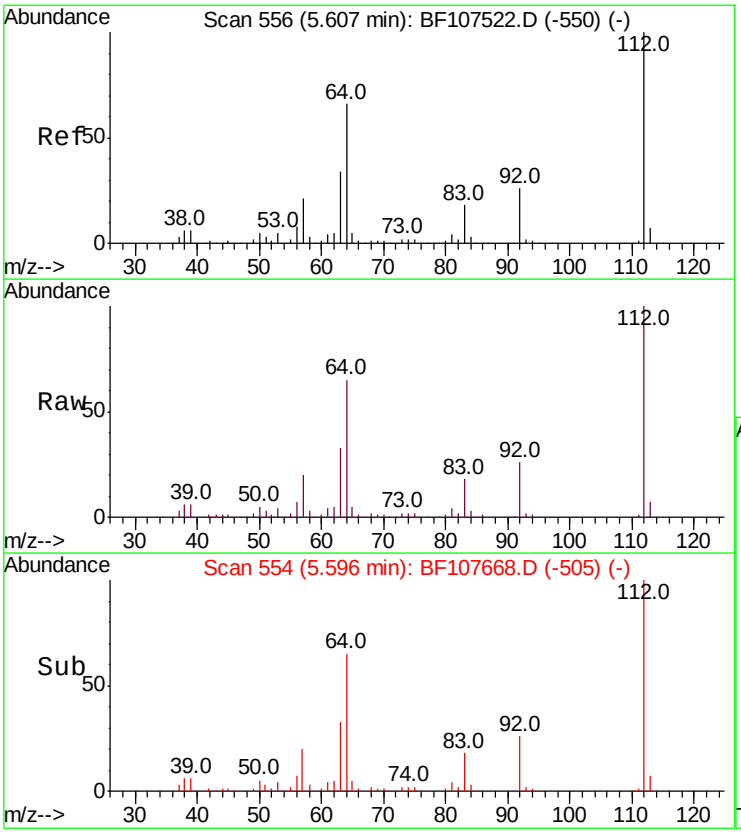
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 193600

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	60.3	50.1	75.1

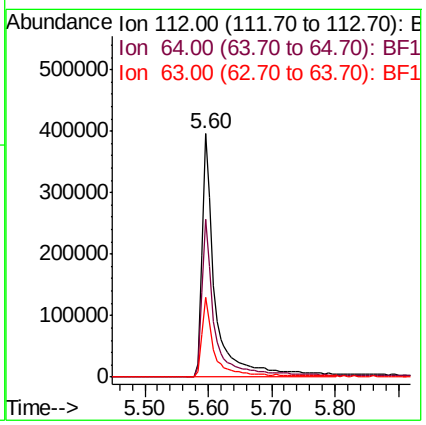


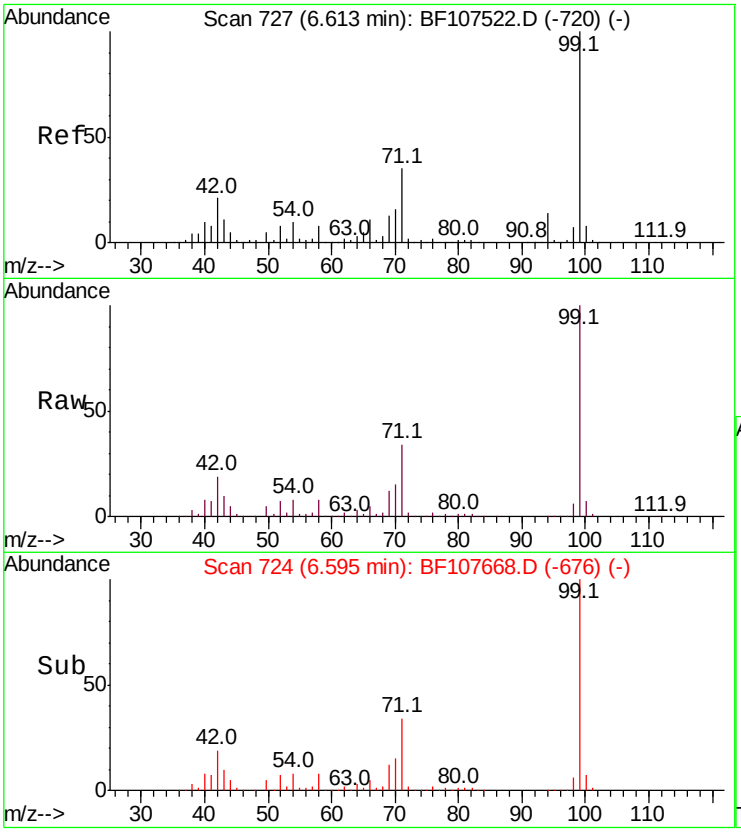


#5
2-Fluorophenol
Concen: 48.359 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion:112 Resp: 582305

Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	32.7	23.7	35.5



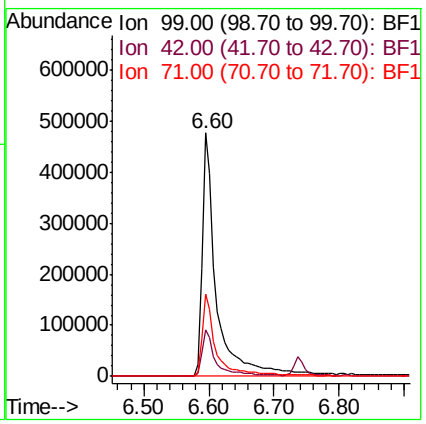


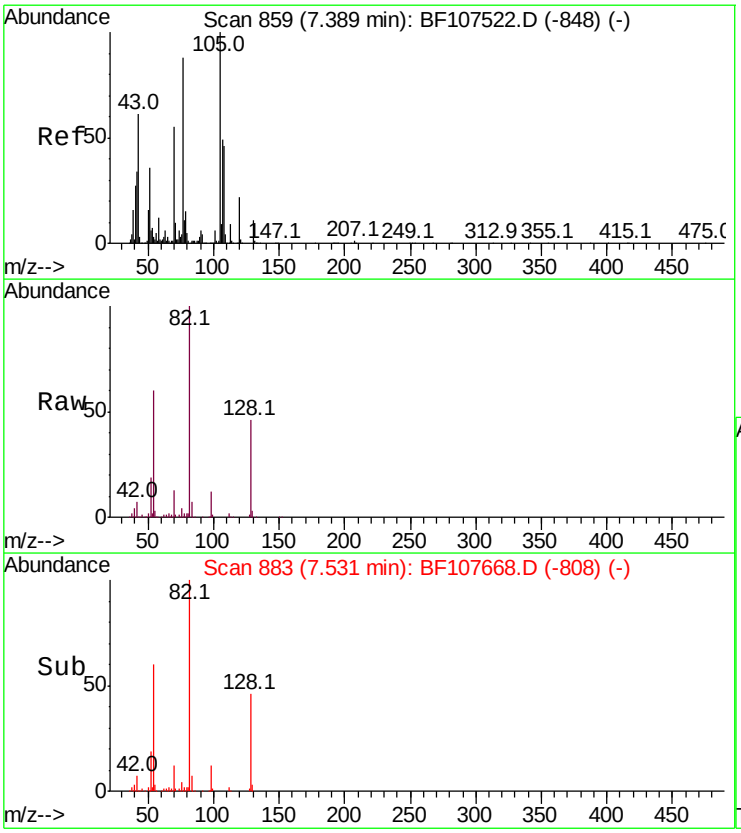
#7
Phenol-d6
Concen: 50.611 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 731759

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.6	25.4	38.0

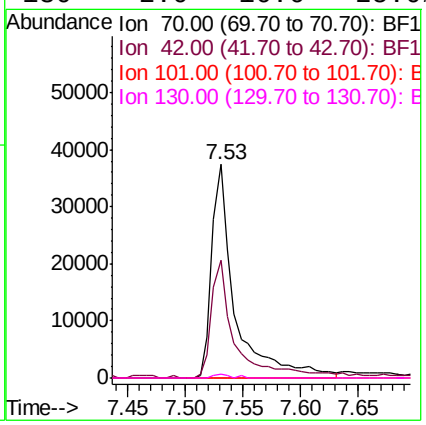


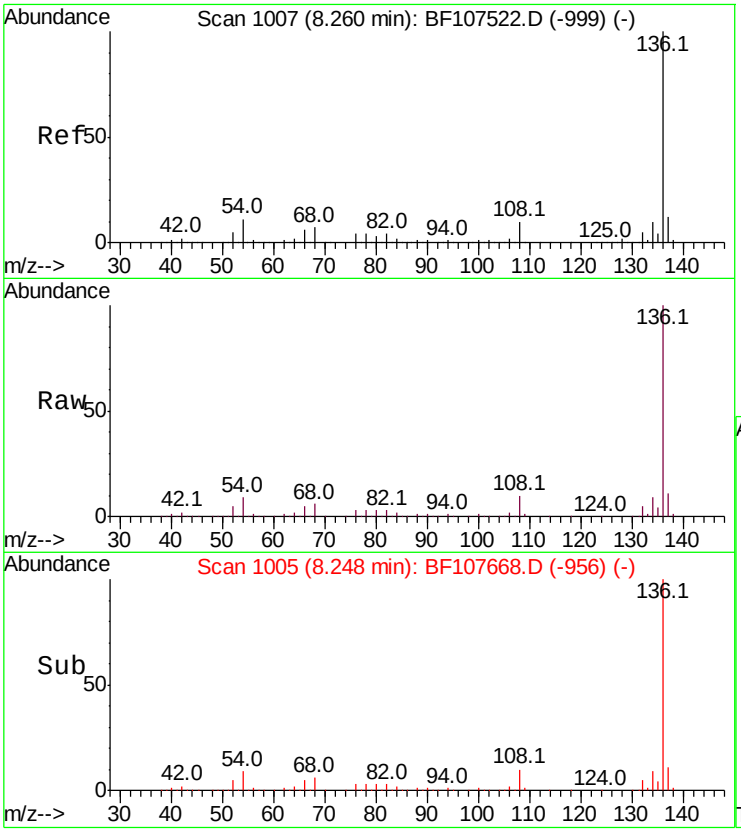


#19
n-Nitroso-di-n-propylamine
Concen: 5.629 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion: 70 Resp: 52580

Ion	Ratio	Lower	Upper
70	100		
42	55.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



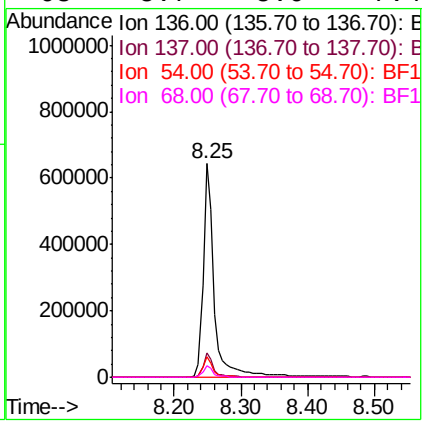


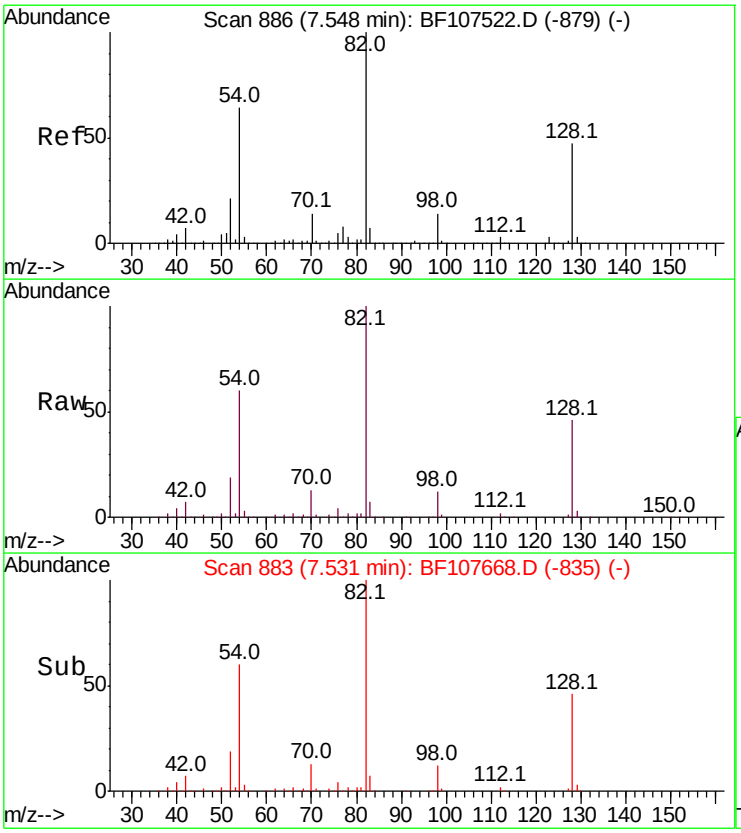
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 738675

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	5.7	5.0	7.4

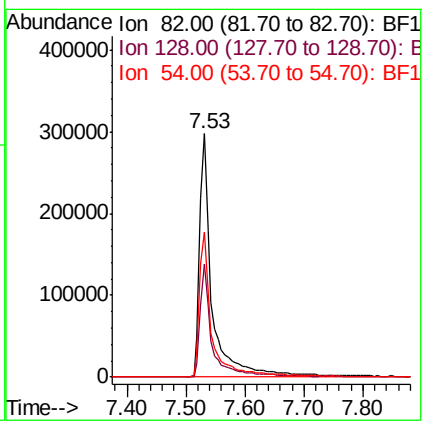


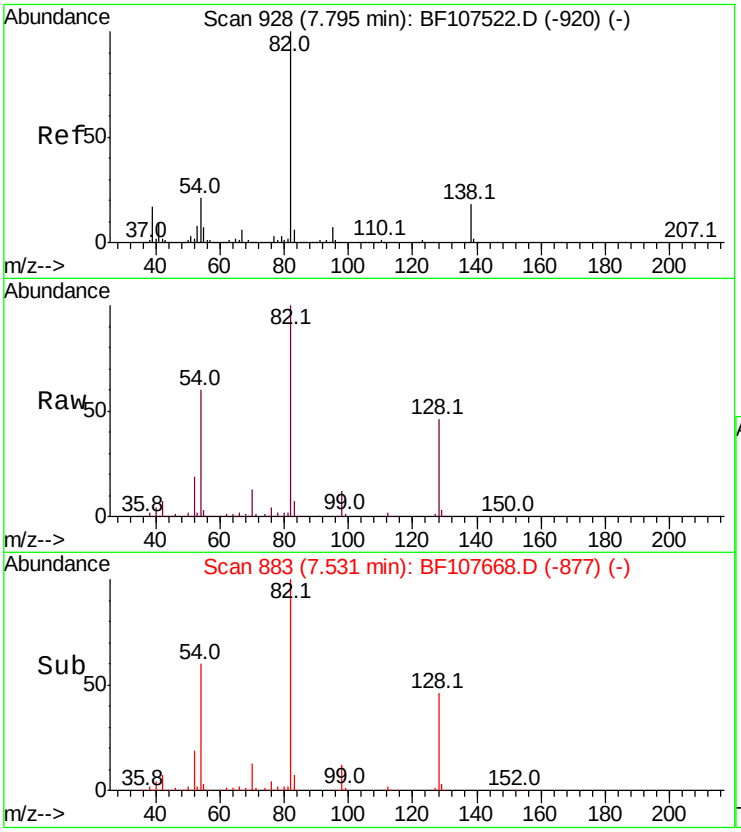


#23
Nitrobenzene-d5
Concen: 39.705 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion: 82 Resp: 434590

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	59.8	41.4	62.2



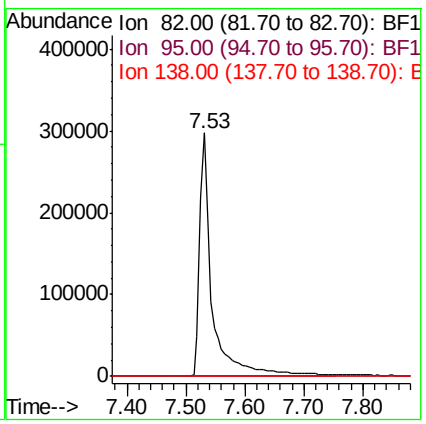


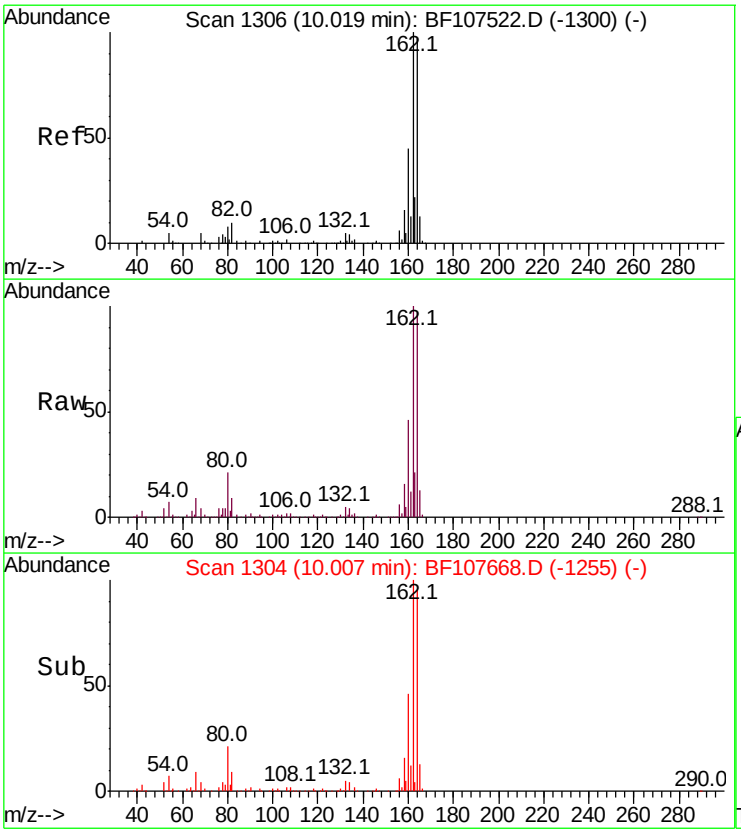
#25
Isophorone
Concen: 18.596 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 434590

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

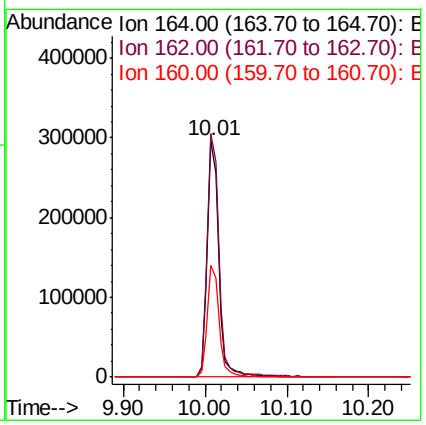


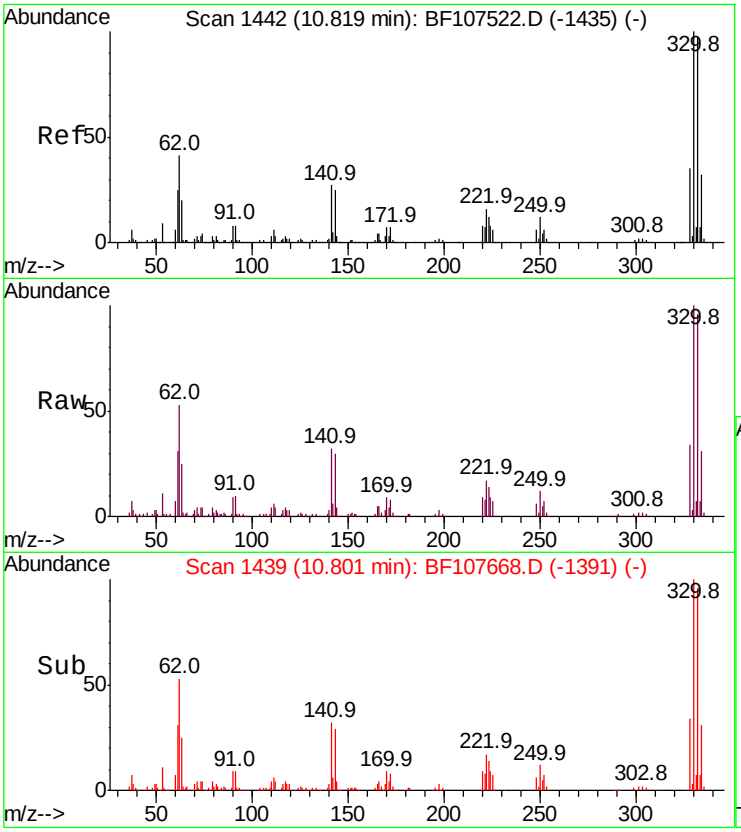


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion:164 Resp: 289614

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.2	38.3	57.5



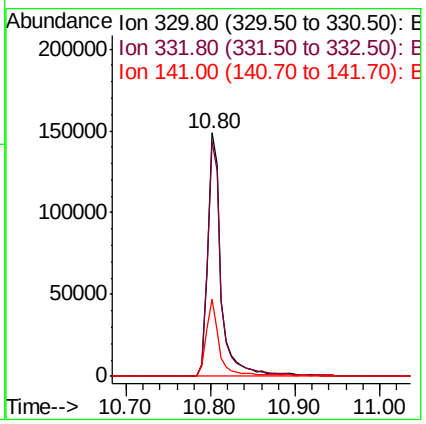


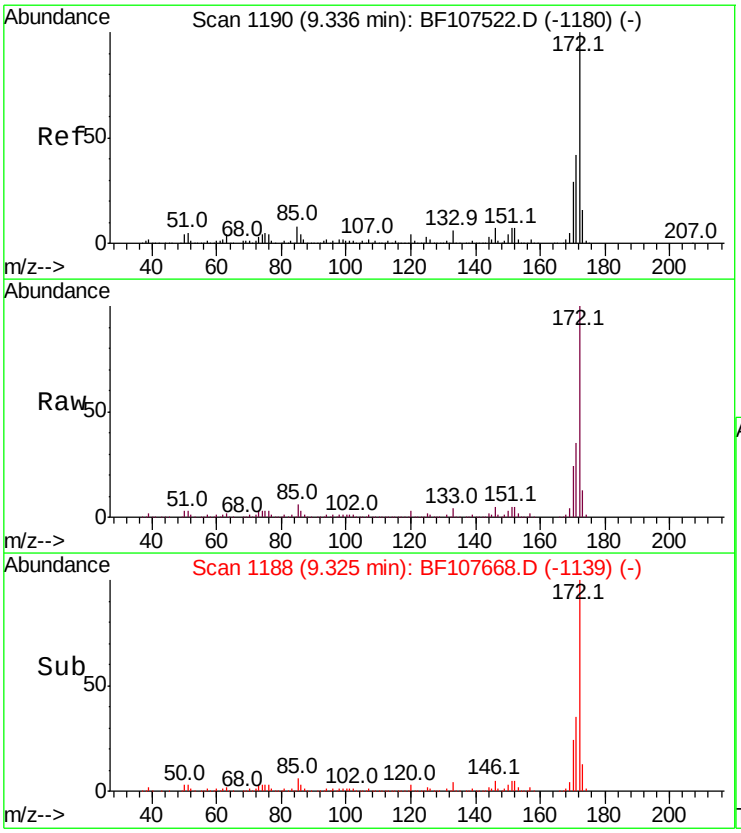
#41
2,4,6-Tribromophenol
Concen: 51.177 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 168544

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	30.0	29.9	44.9

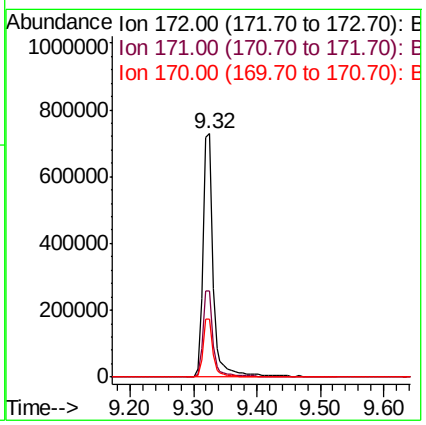


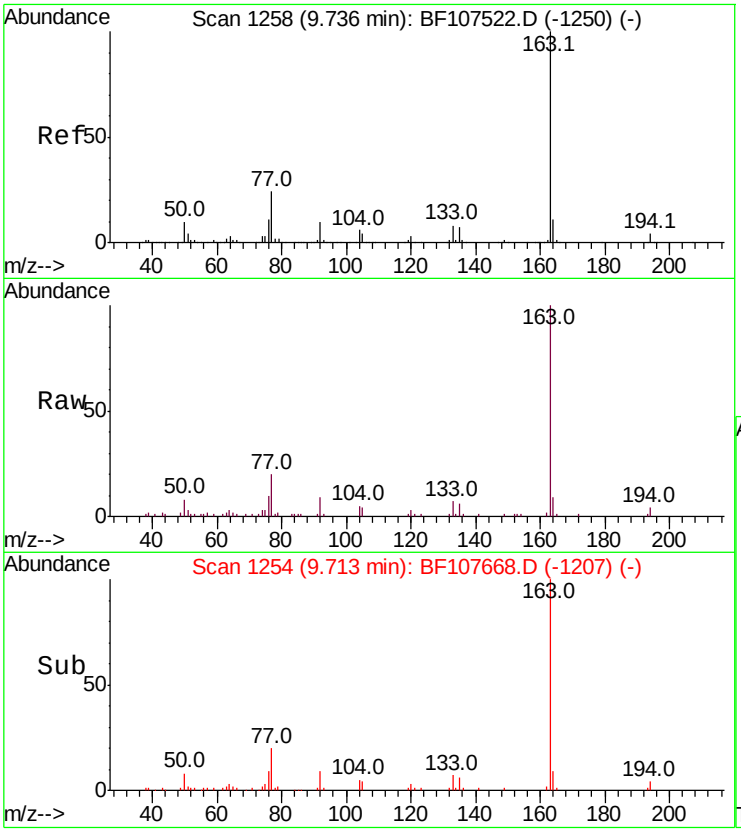


#44
2-Fluorobiphenyl
Concen: 41.568 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion:172 Resp: 824667

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.7	19.6	29.4



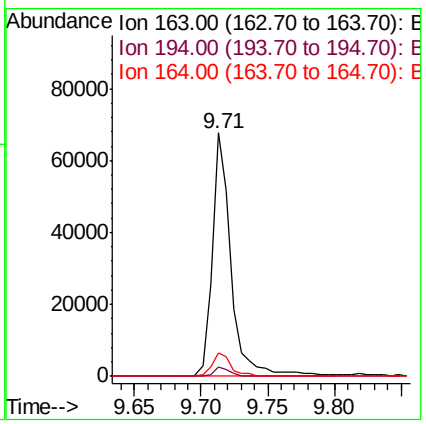


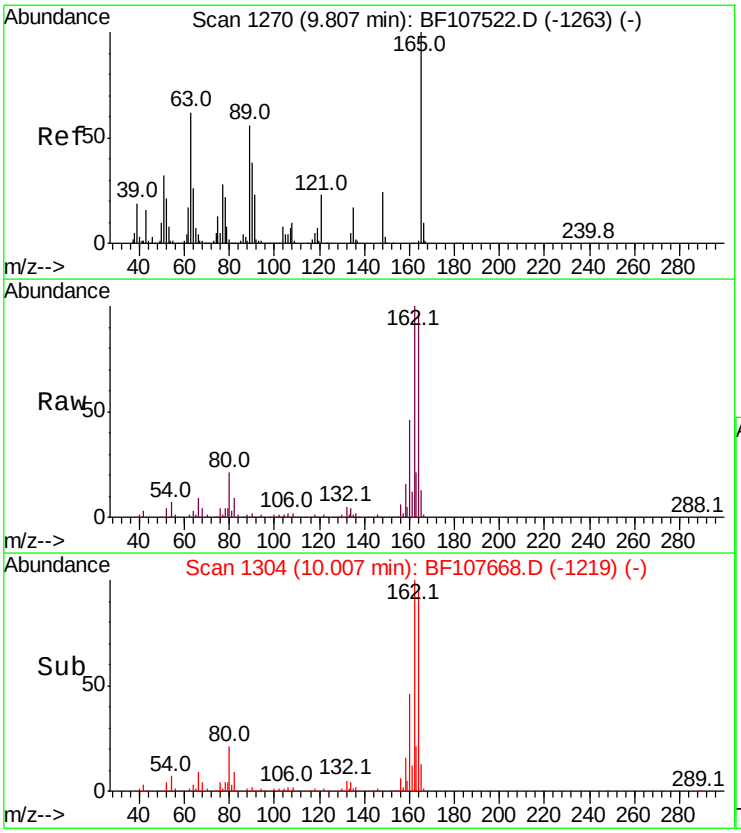
#49
Dimethylphthalate
Concen: 3.059 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 66766

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.5	8.2	12.2

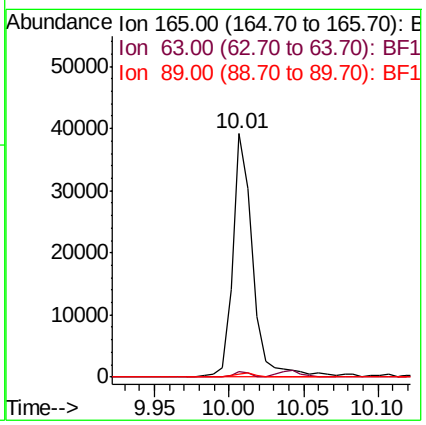


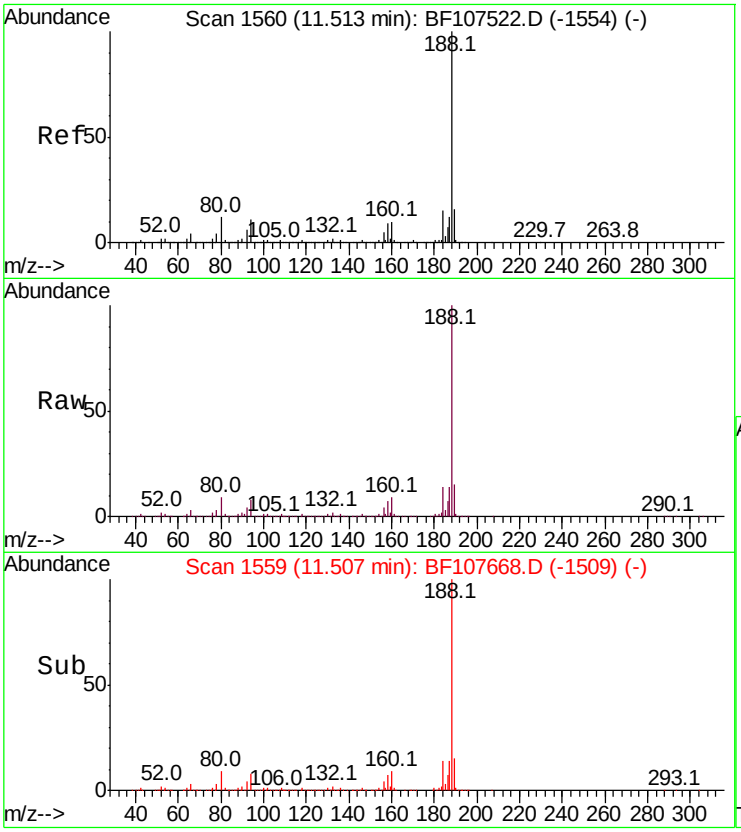


#50
2,6-Dinitrotoluene
Concen: 8.558 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion:165 Resp: 37087

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.7	67.1#
89	1.3	44.0	66.0#



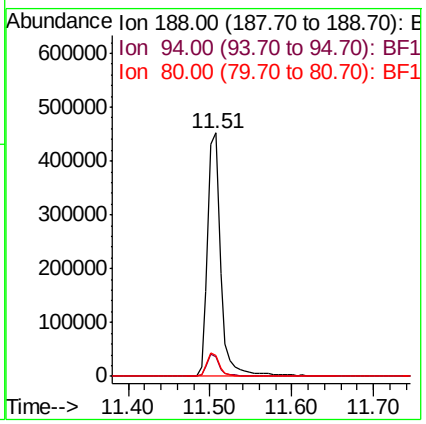


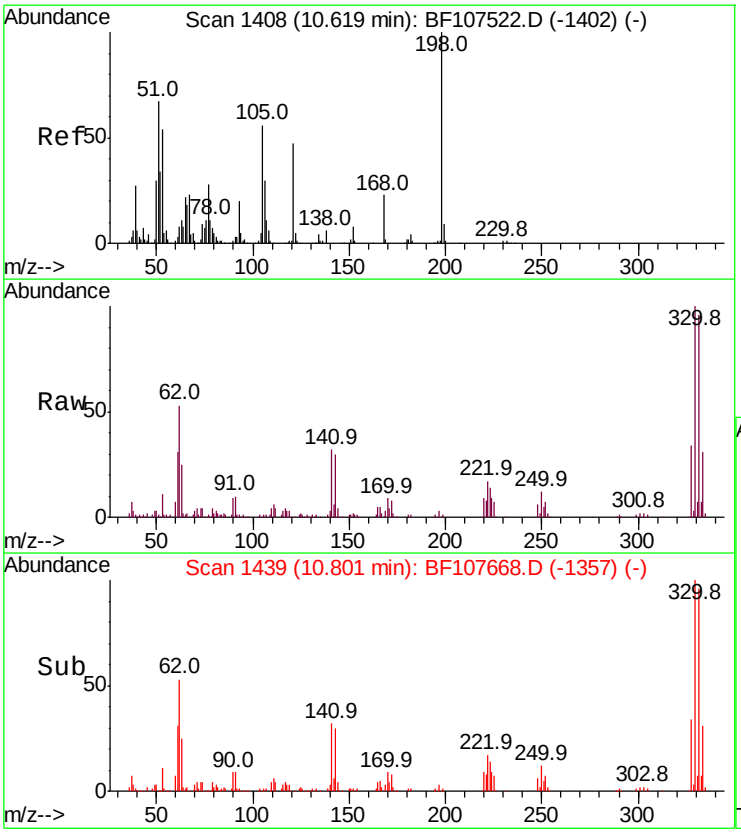
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 506803

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.6	9.2	13.8#

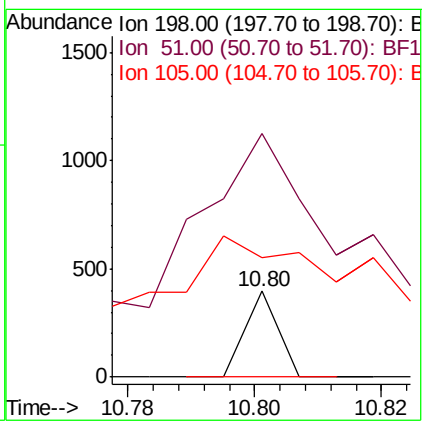


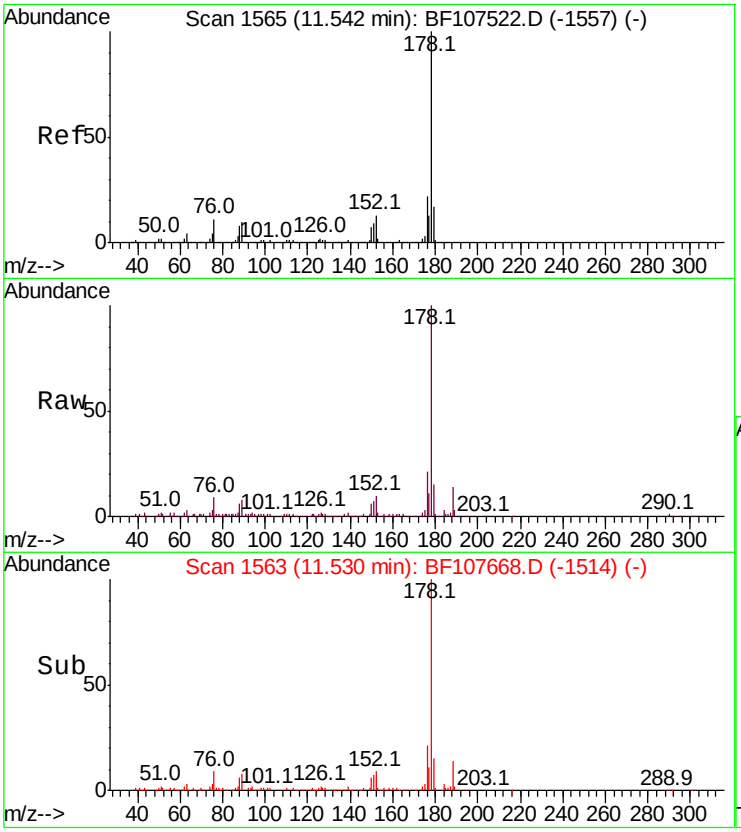


#64
4,6-Dinitro-2-methylphenol
Concen: 8.728 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.18 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion:198 Resp: 140

Ion	Ratio	Lower	Upper
198	100		
51	284.1	37.7	77.7#
105	138.9	36.3	76.3#



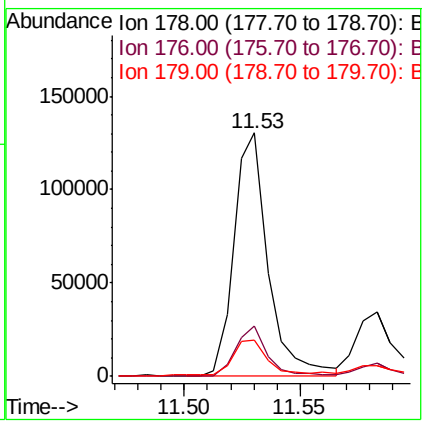


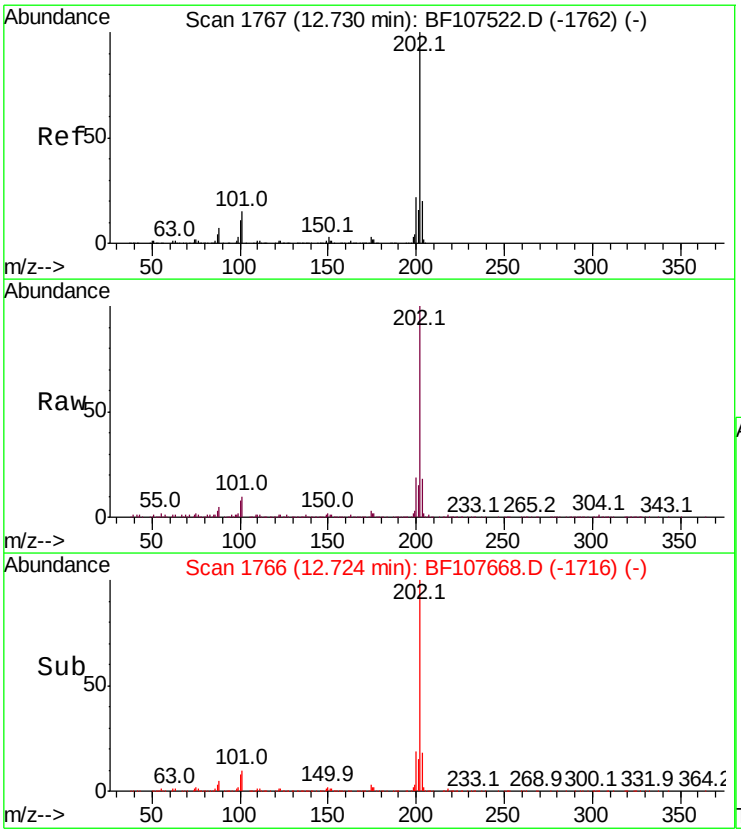
#70
Phenanthrene
Concen: 5.419 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 133821

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	15.1	13.0	19.6

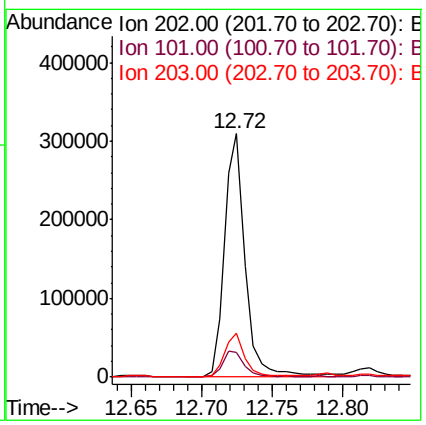


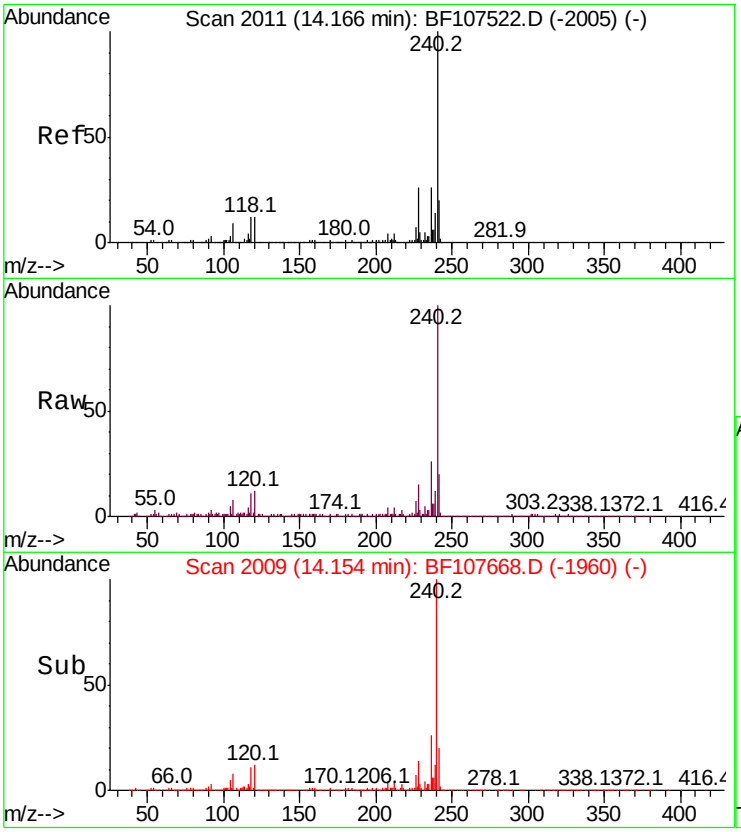


#74
Fluoranthene
Concen: 11.800 ng
RT: 12.72 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion:202 Resp: 312719

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.1
203	18.0	0.0	38.1



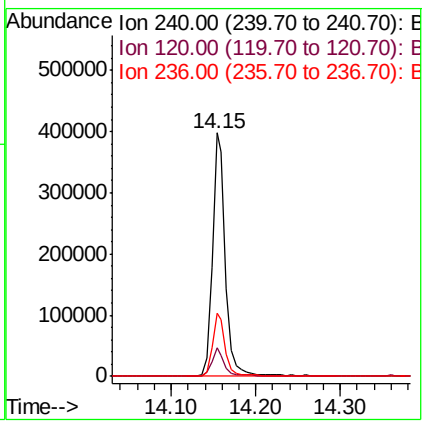


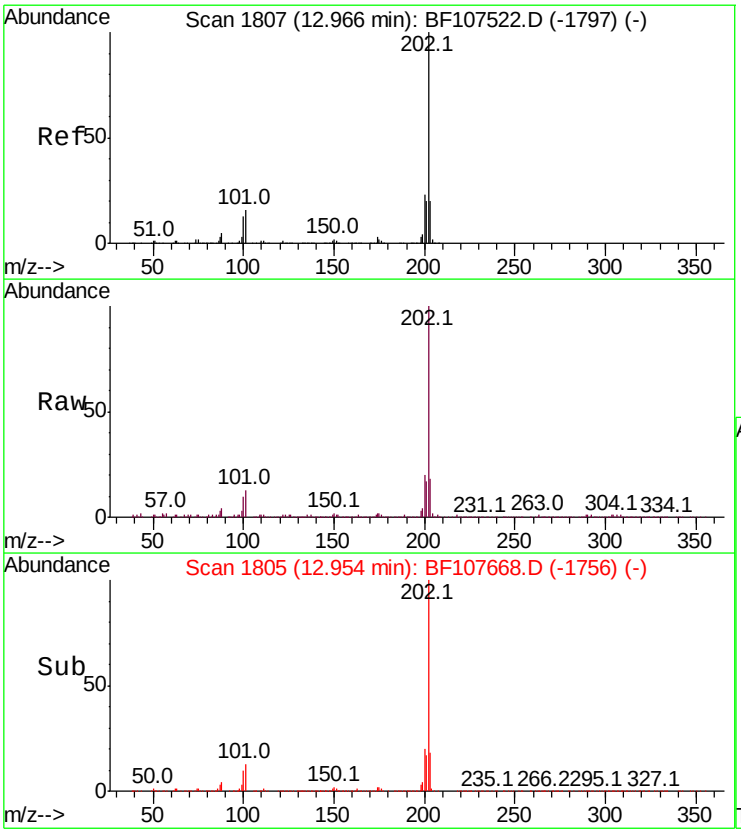
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 429741

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.0	20.7	31.1

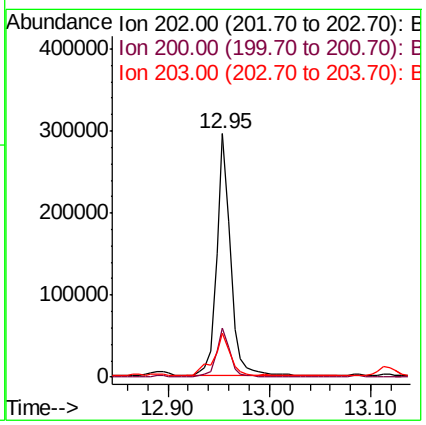


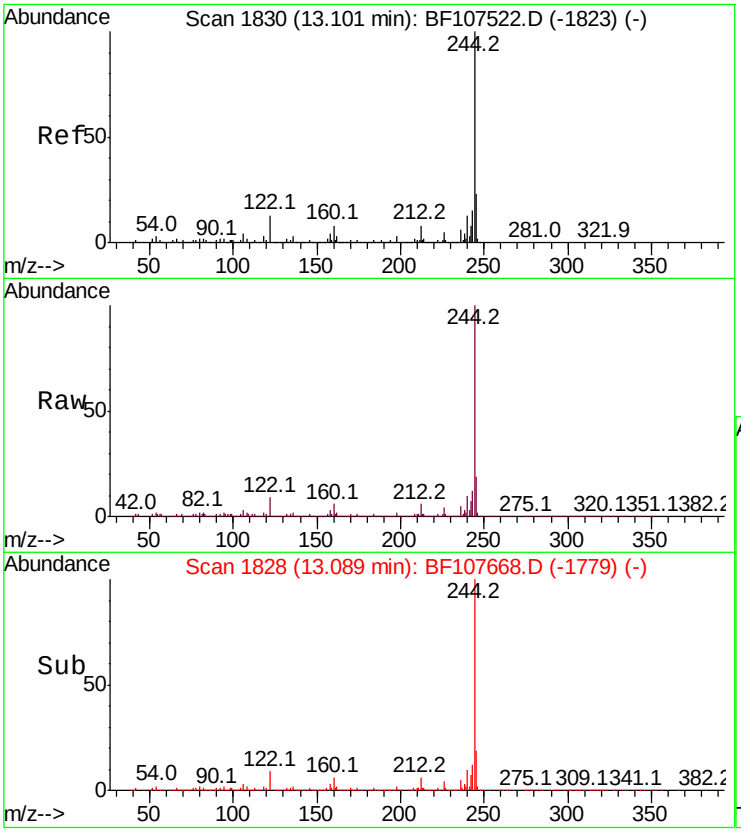


#77
Pyrene
Concen: 9.508 ng
RT: 12.95 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion:202 Resp: 279483

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.9	14.3	21.5



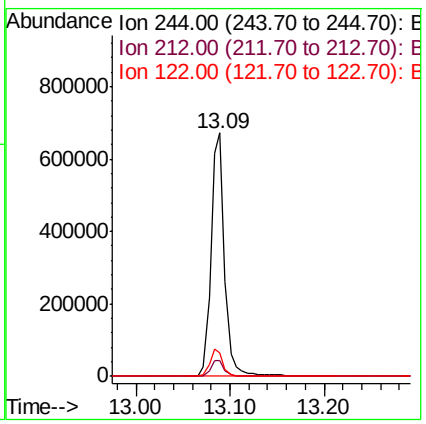


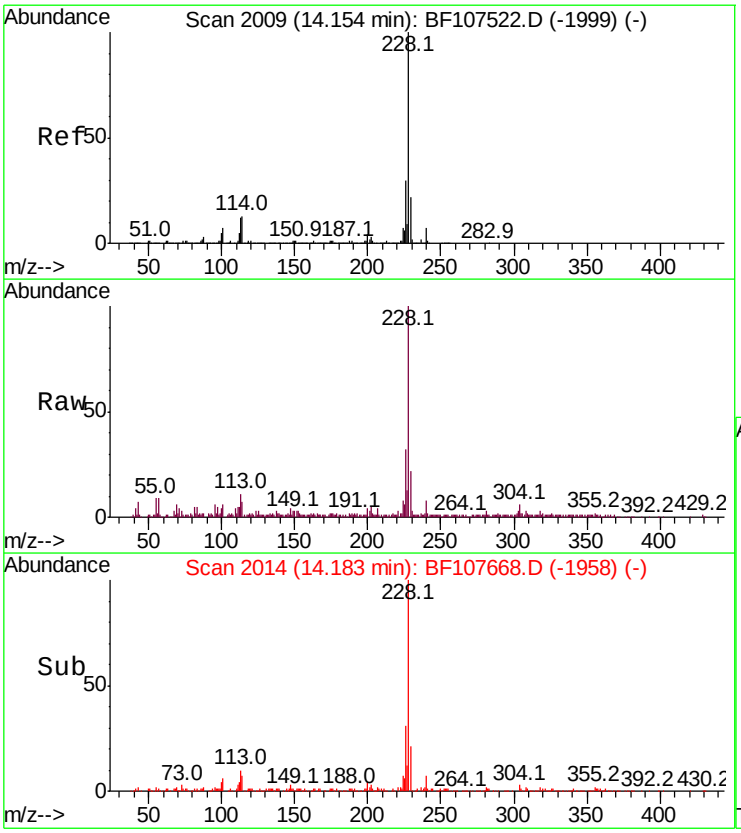
#78
Terphenyl-d14
Concen: 40.904 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 686620

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.4	11.0	16.4#

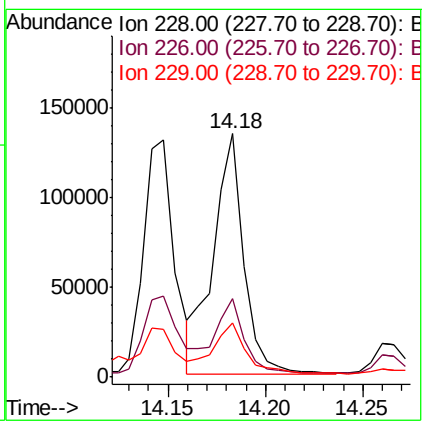


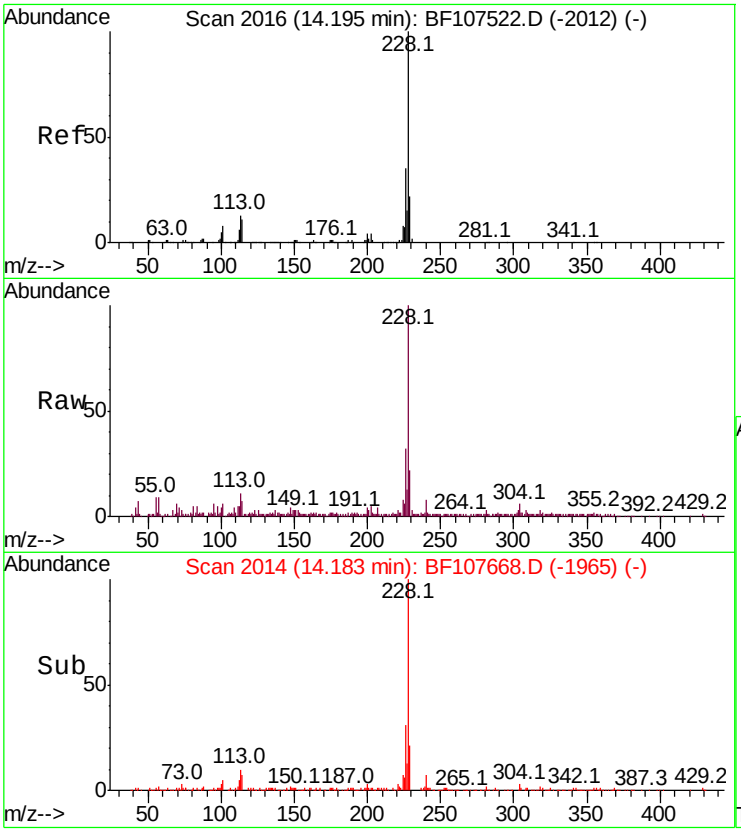


#80
Benzo(a)anthracene
Concen: 5.836 ng
RT: 14.18 min Scan# 2014
Delta R.T. 0.03 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion:228 Resp: 146968

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	22.3	15.8	23.6



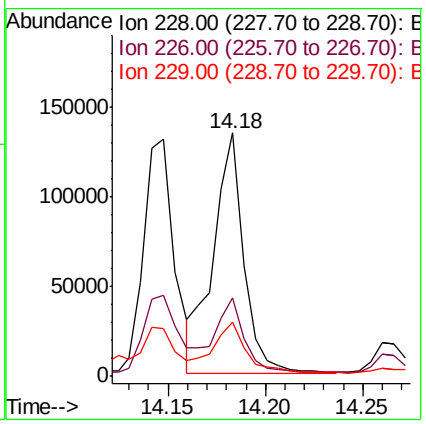


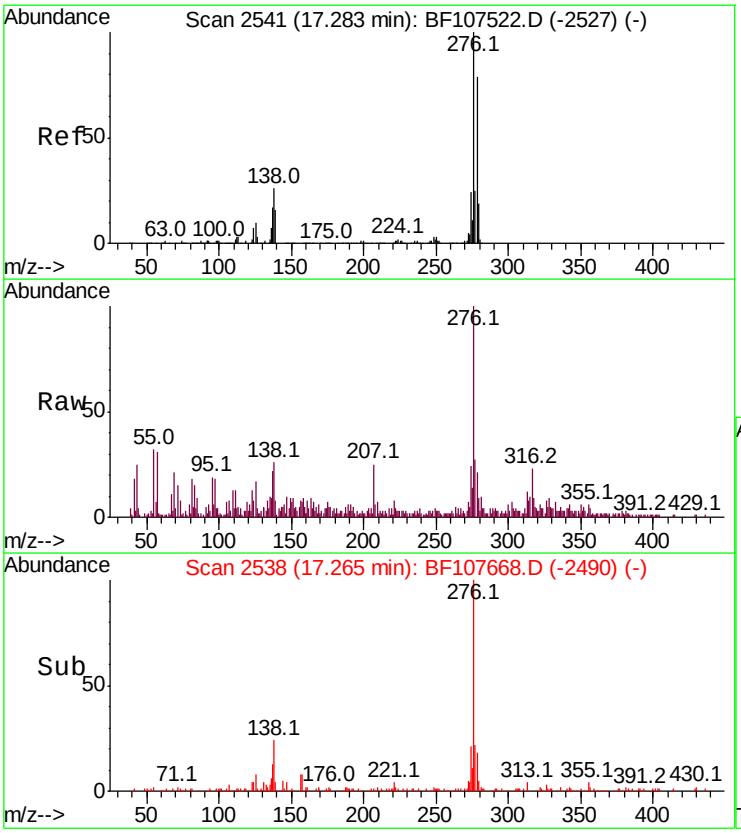
#82
Chrysene
Concen: 6.075 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 146968

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	22.3	16.2	24.4

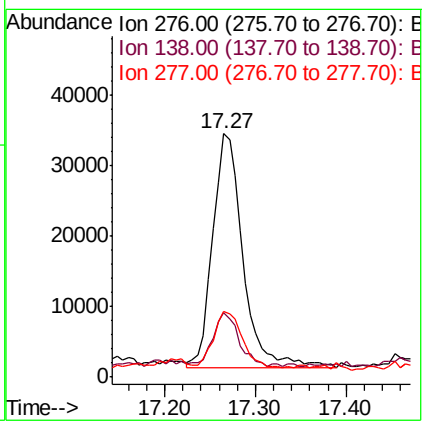


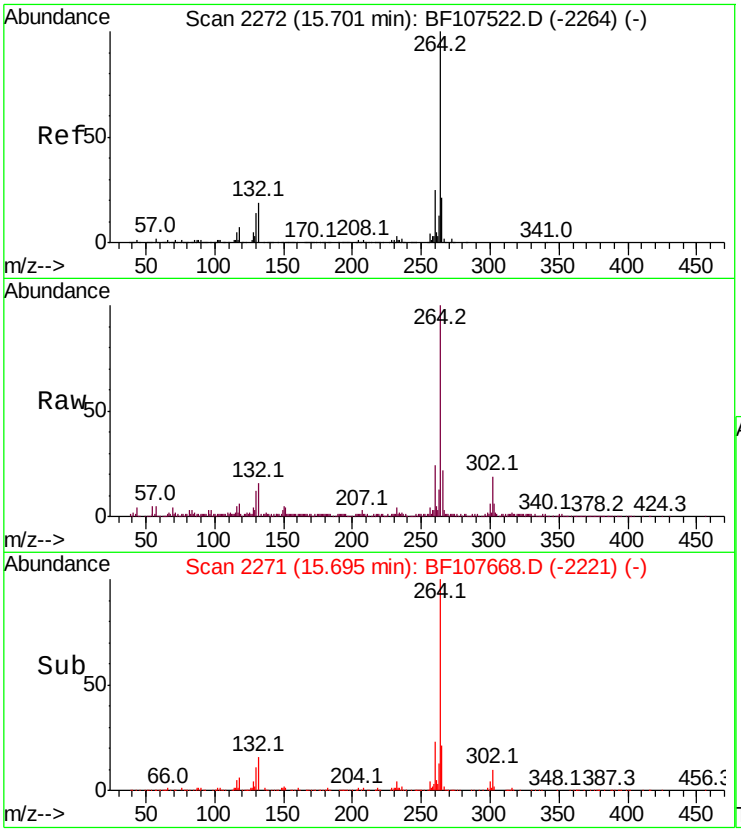


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.790 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion:276 Resp: 77715

Ion	Ratio	Lower	Upper
276	100		
138	20.3	25.0	37.6#
277	23.1	20.1	30.1



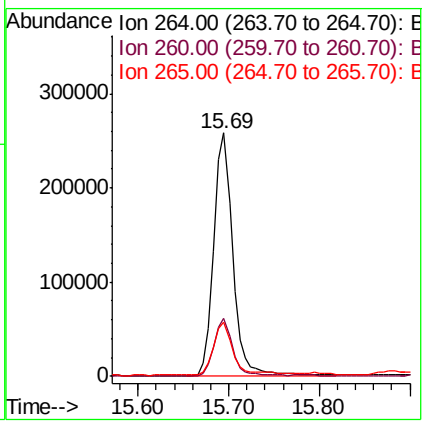


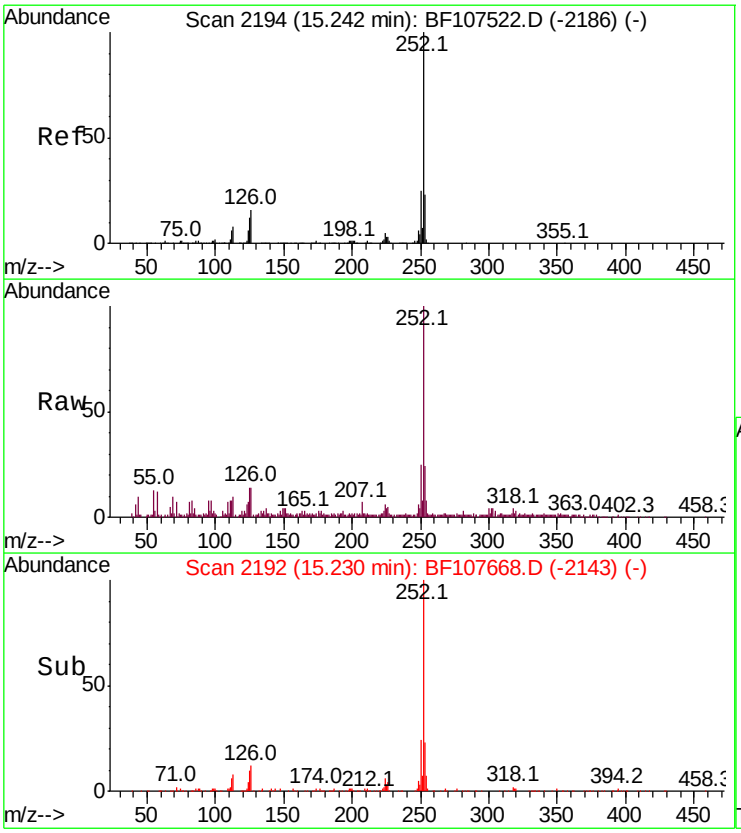
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 372974

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3

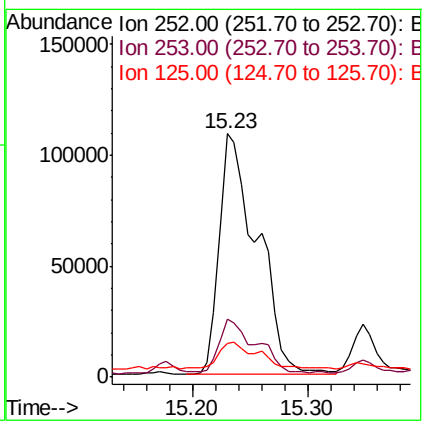


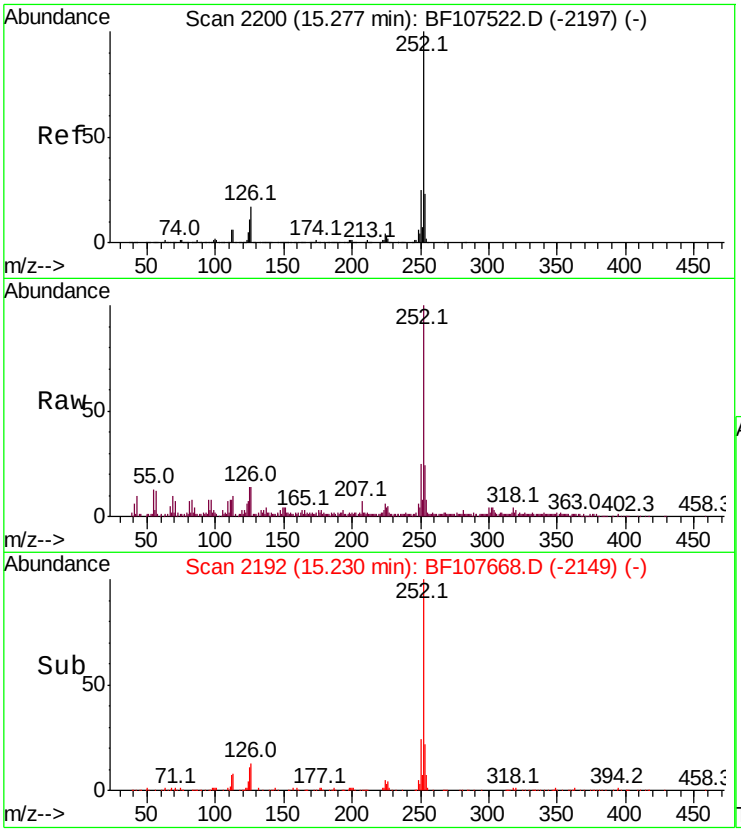


#87
Benzo(b)fluoranthene
Concen: 12.162 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion:252 Resp: 248257

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	14.0	9.0	13.6#



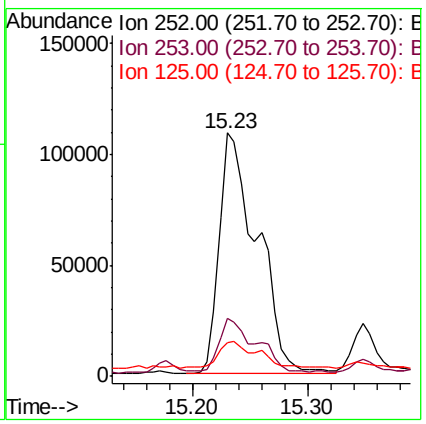


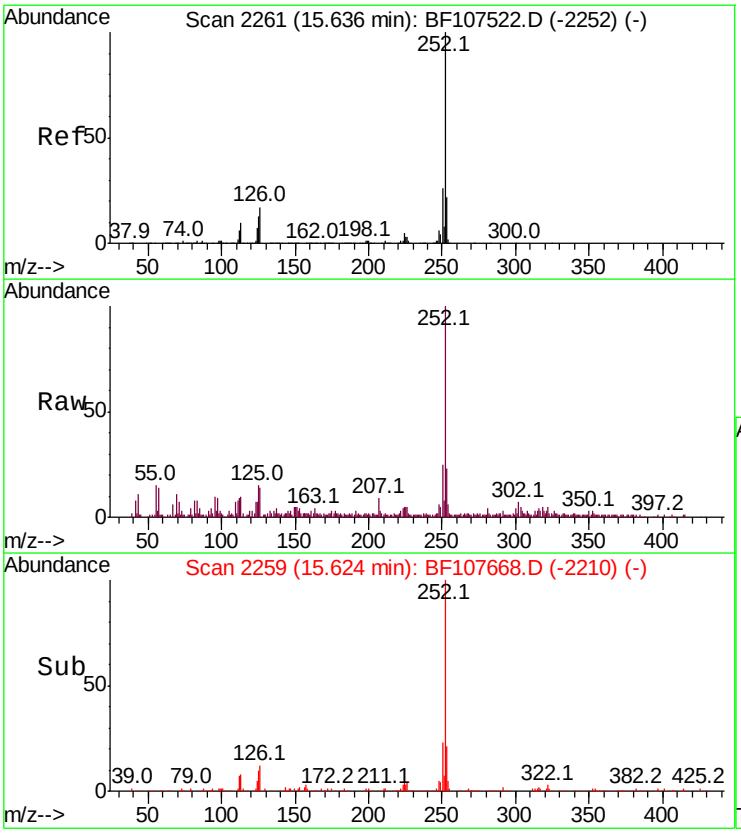
#88
Benzo(k)fluoranthene
Concen: 12.414 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.05 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 248257

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	14.0	10.2	15.2

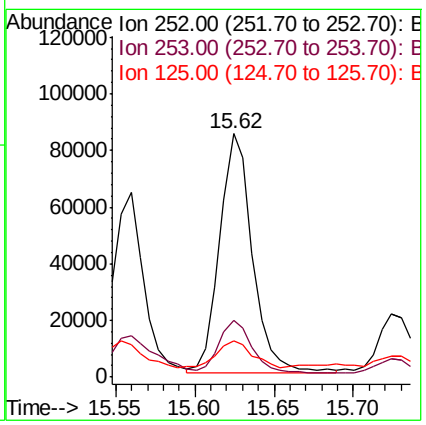


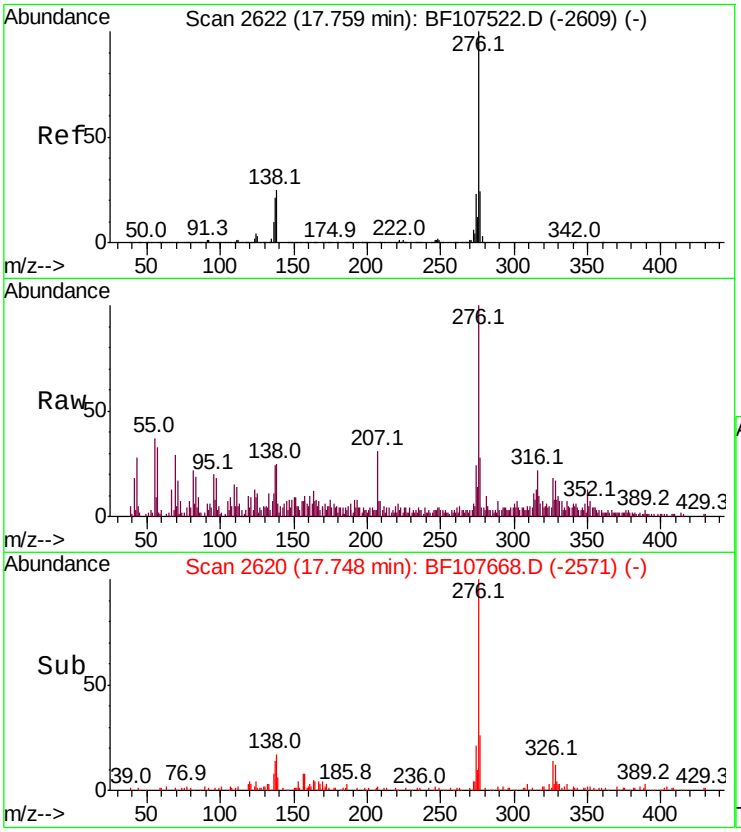


#89
Benzo(a)pyrene
Concen: 6.500 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion:252 Resp: 121371

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	15.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.570 ng
RT: 17.75 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 72766

Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	25.2	21.8	32.8