Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107007.D
Acq On : 30 Jun 2018 11:56
Operator : JU/SJ
Sample : J3774-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 02 04:04:07 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	6.95	152	66492	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	249639	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	117383	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	196107	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	208486	20.00	ng		-0.02
86) Perylene-d12	15.68	264	217473	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	379801	96.72	ng		0.00
7) Phenol-d6	6.60	99	470368	95.92	ng		-0.01
23) Nitrobenzene-d5	7.52	82	290801	64.74	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	133088	97.82	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	505435	70.34	ng		-0.02
78) Terphenyl-d14	13.07	244	493032	57.28	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	8371	2.037	ng		84
19) n-Nitroso-di-n-propylamine	7.52	70	37893	11.723	ng	#	73
25) Isophorone	7.52	82	290846	36.743	ng	#	64
49) Dimethylphthalate	9.70	163	77616	8.816	ng		99
56) 2,4-Dinitrotoluene	10.00	165	14722	6.050	ng	#	21
66) 4-Bromophenyl-phenylether	10.79	248	7951	3.397	ng	#	1
70) Phenanthrene	11.51	178	88002	9.304	ng		97
71) Anthracene	11.56	178	20176	2.090	ng		98
74) Fluoranthene	12.71	202	140021	13.431	ng		94
77) Pyrene	12.94	202	127984	9.309	ng		98
80) Benzo(a)anthracene	14.13	228	84620	6.660	ng		99
82) Chrysene	14.17	228	73660	6.301	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	38467	3.878	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	137935	10.210	ng	#	96
89) Benzo(a)pyrene	15.55	252	48978	4.078	ng		98
91) Benzo(g,h,i)perylene	17.74	276	34555	3.474	ng	#	92

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

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Misc :
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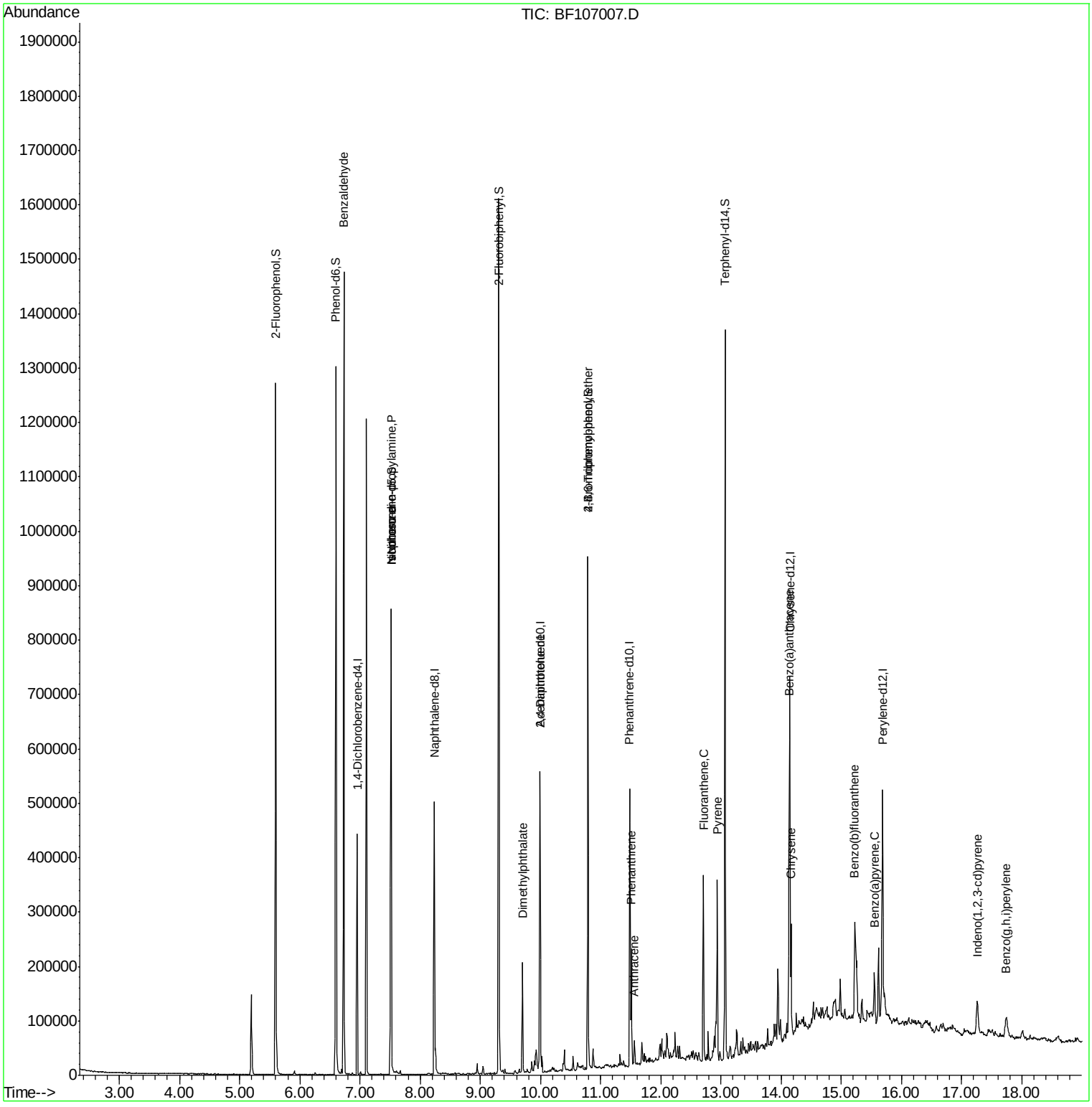
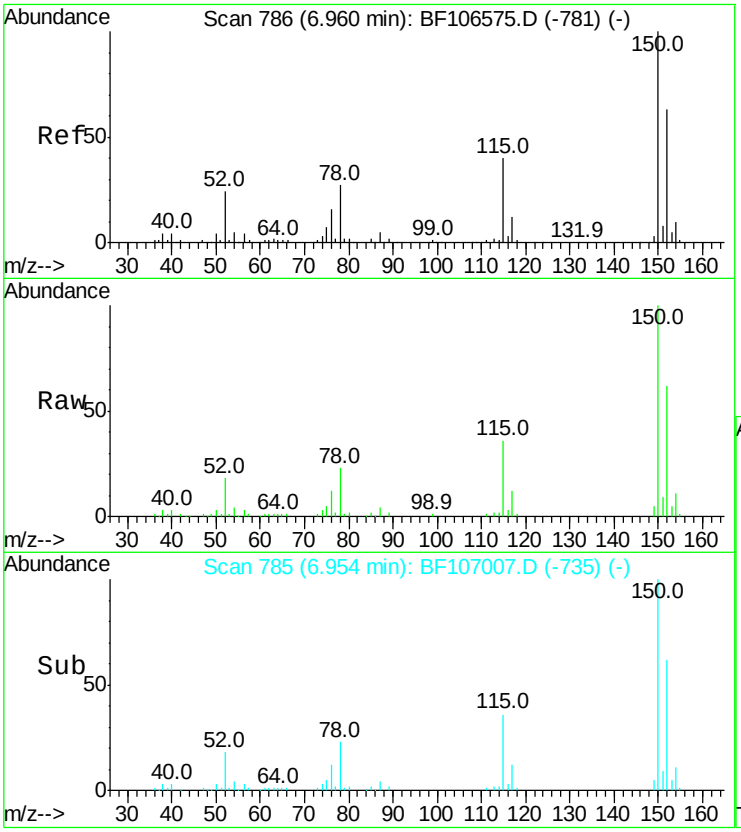


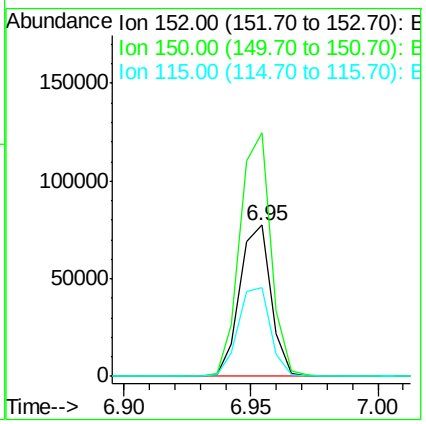


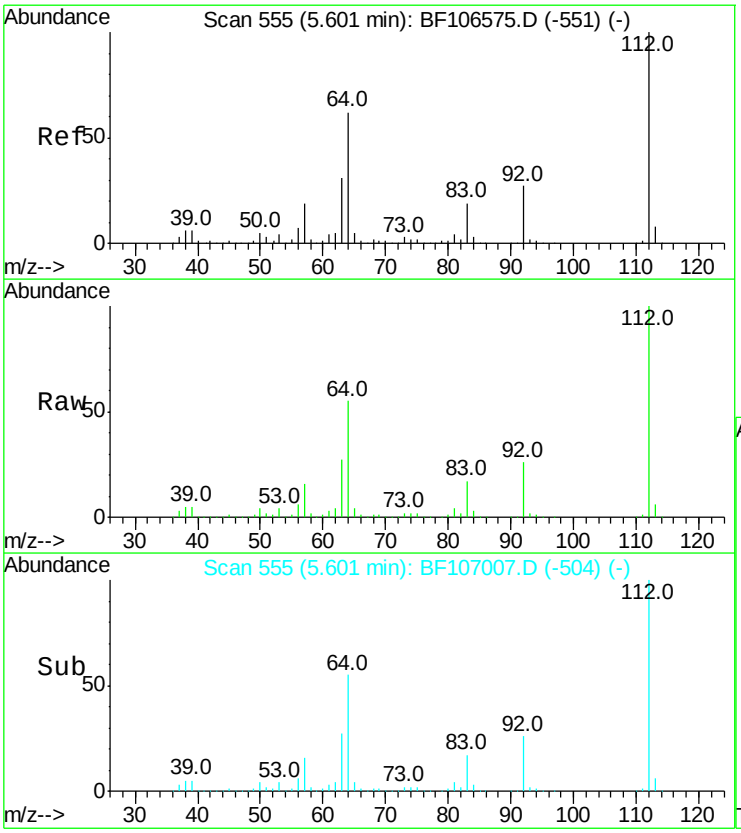
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 66492

Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	58.6	50.1	75.1

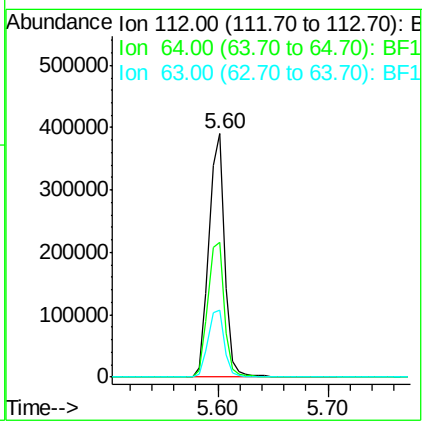


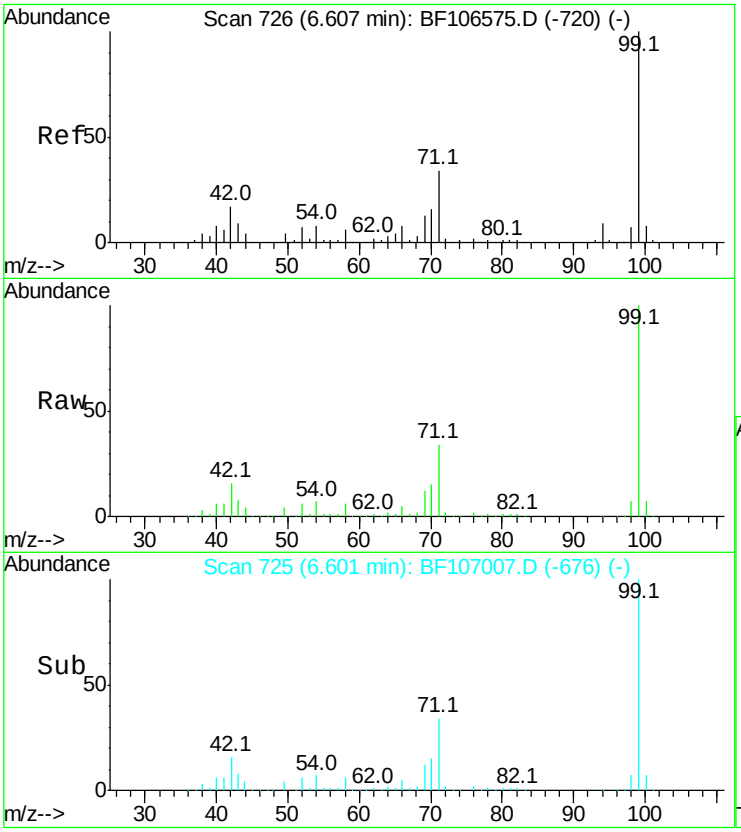


#5
2-Fluorophenol
Concen: 96.722 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion:112 Resp: 379801

Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	27.5	23.7	35.5



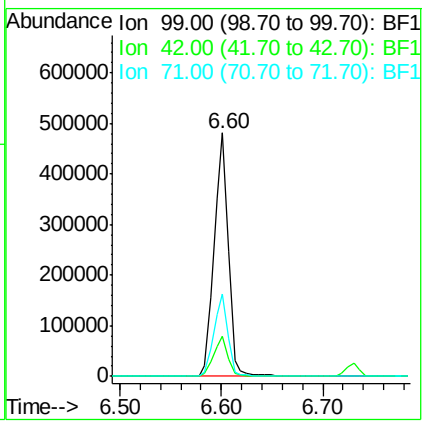


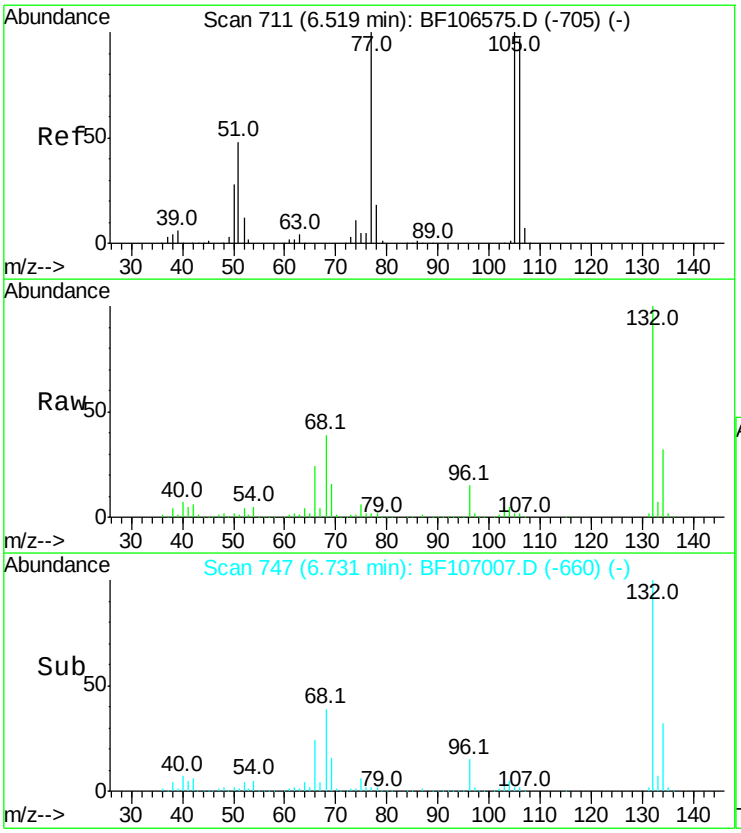
#7
Phenol-d6
Concen: 95.921 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 470368

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	33.7	25.4	38.0

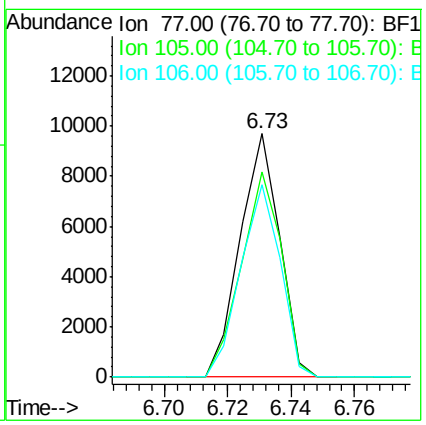


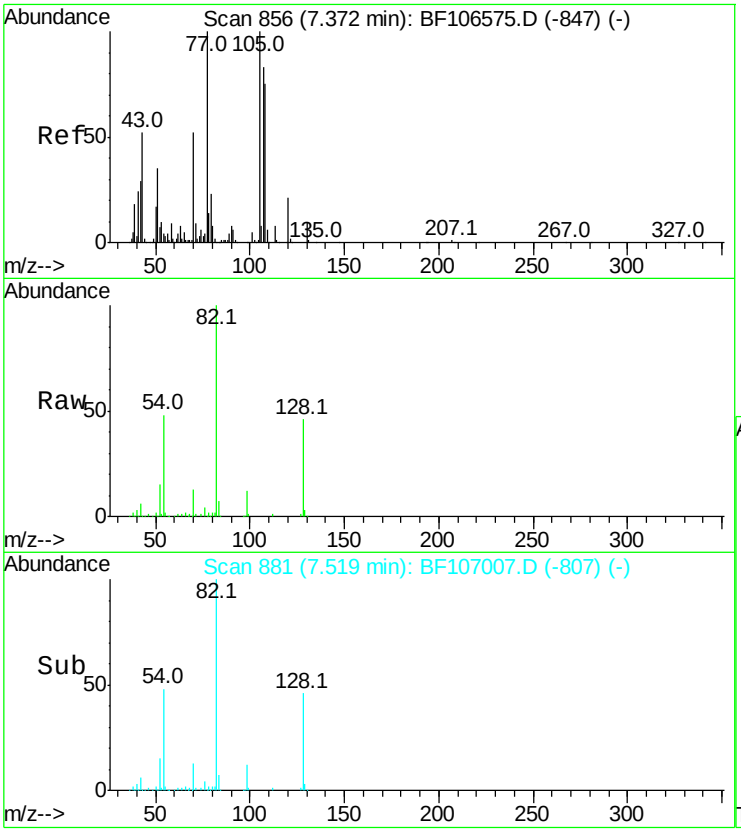


#9
Benzaldehyde
Concen: 2.037 ng
RT: 6.73 min Scan# 747
Delta R.T. 0.21 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion: 77 Resp: 8371

Ion	Ratio	Lower	Upper
77	100		
105	84.5	81.1	121.1
106	79.1	74.5	114.5



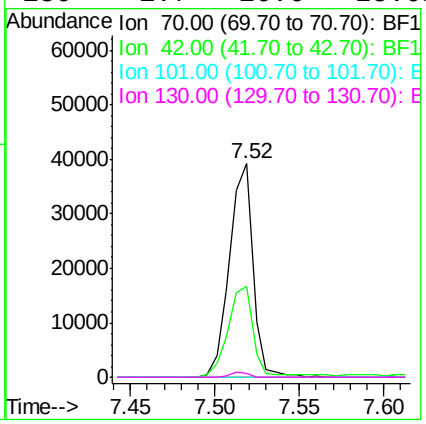


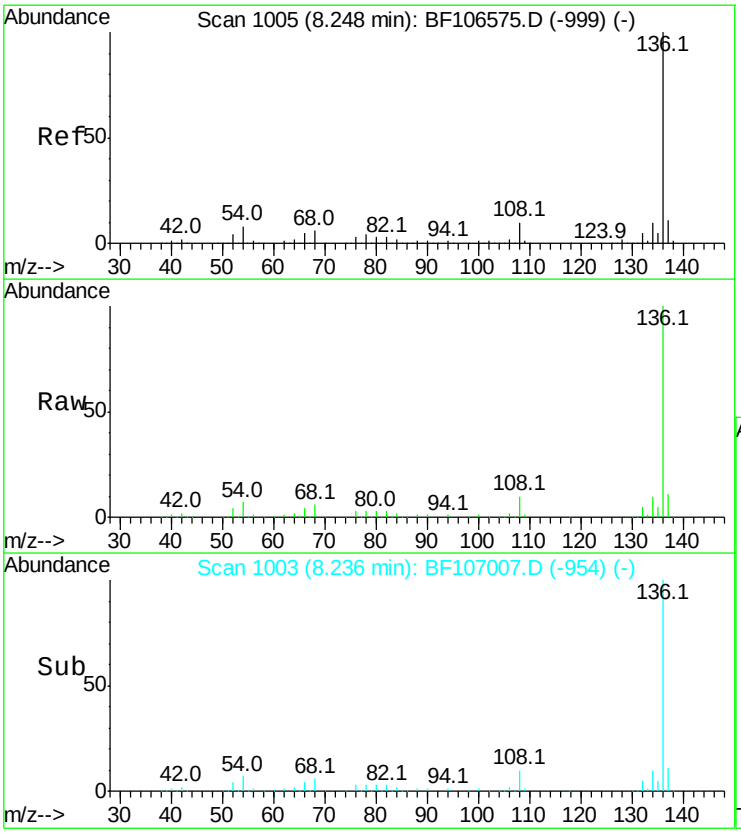
#19
n-Nitroso-di-n-propylamine
Concen: 11.723 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 37893

Ion	Ratio	Lower	Upper
70	100		
42	42.7	47.5	71.3#
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#

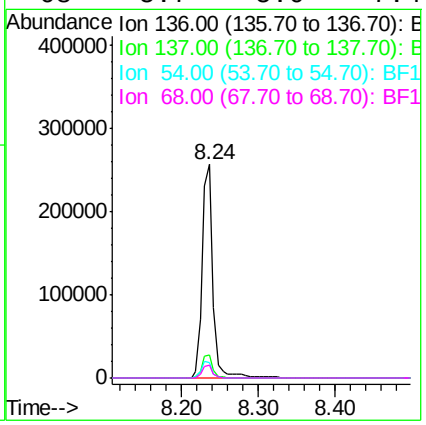


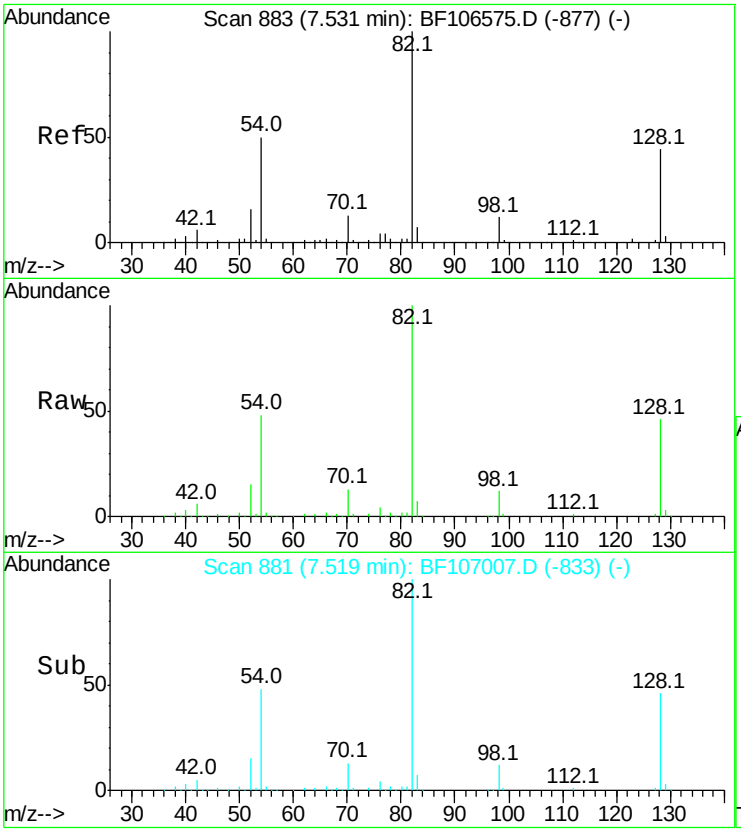


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion:136 Resp: 249639

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4



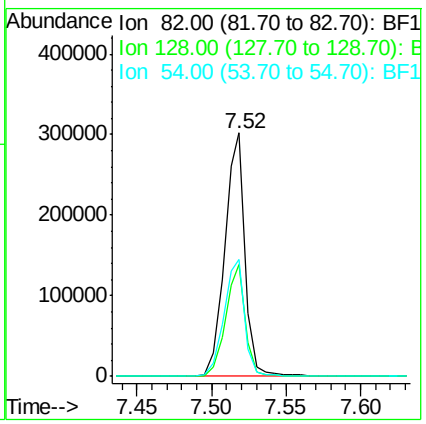


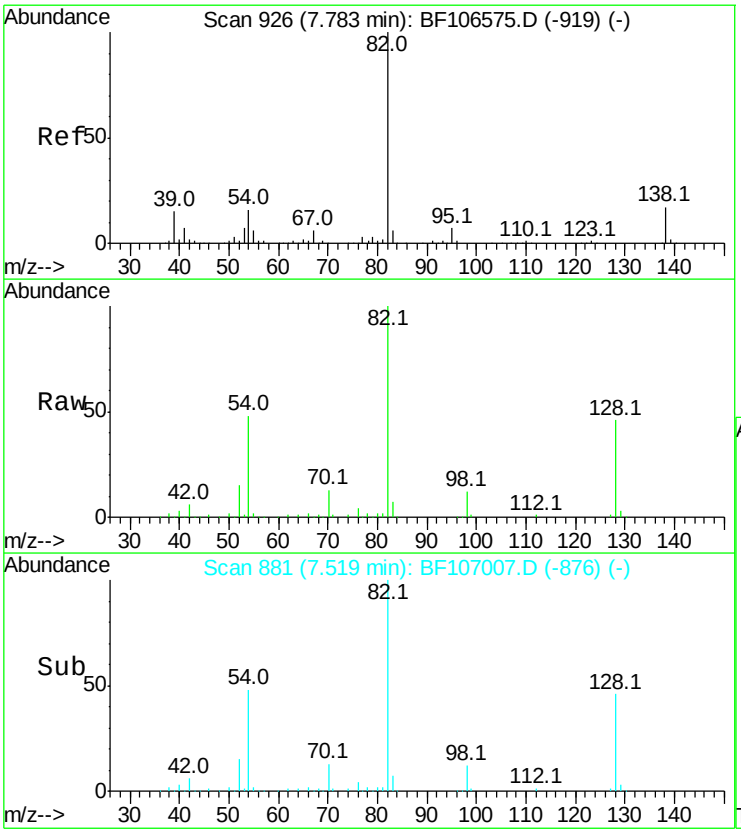
#23
Nitrobenzene-d5
Concen: 64.737 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 290801

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	48.2	41.4	62.2

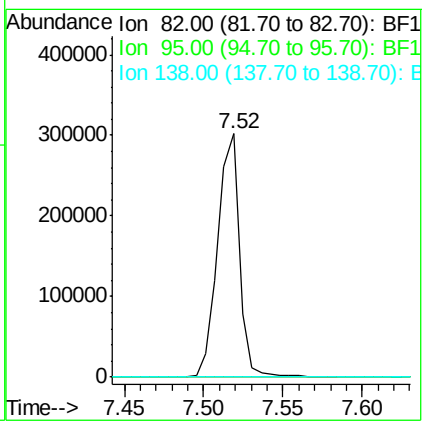


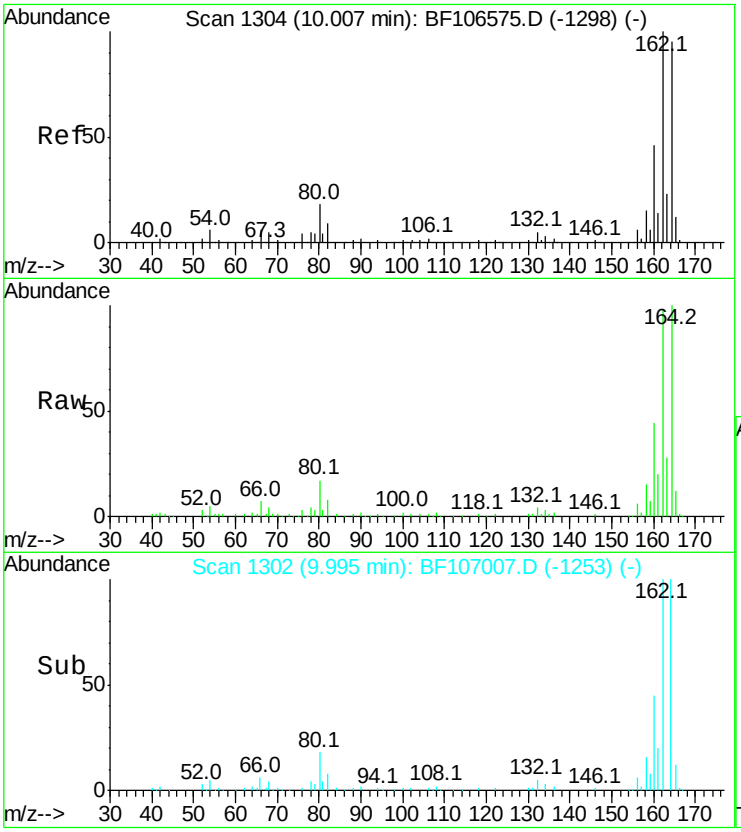


#25
Isophorone
Concen: 36.743 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion: 82 Resp: 290846

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



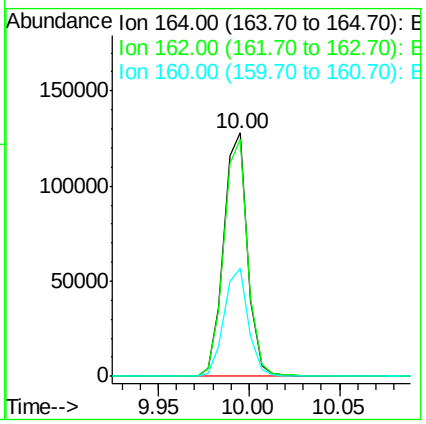


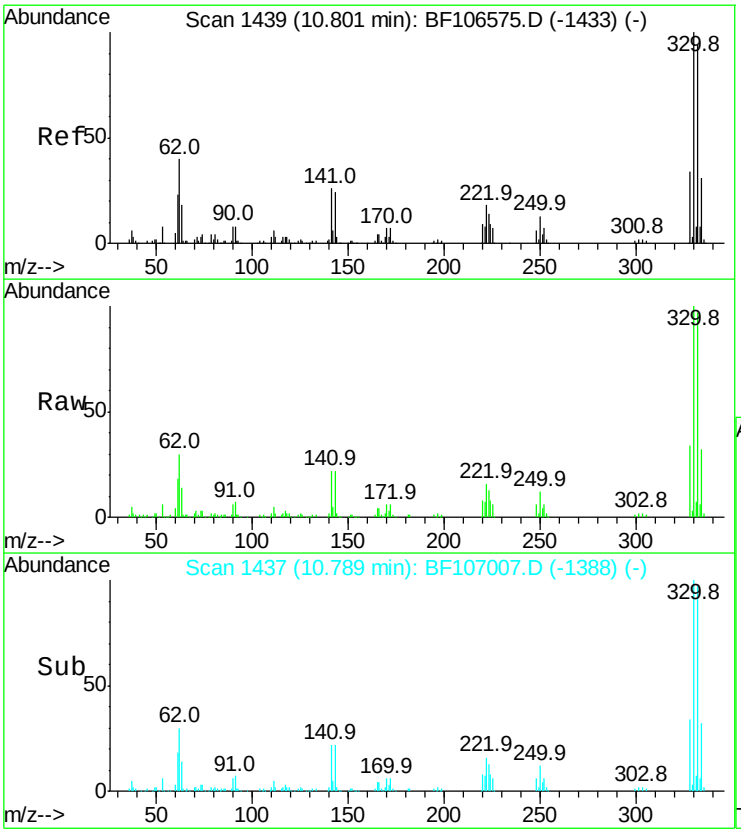
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 117383

Ion	Ratio	Lower	Upper
164	100		
162	97.7	86.1	129.1
160	44.1	38.3	57.5

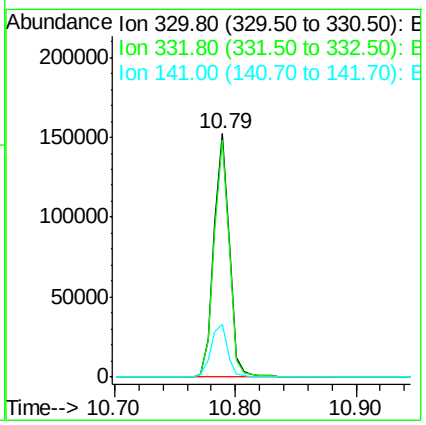


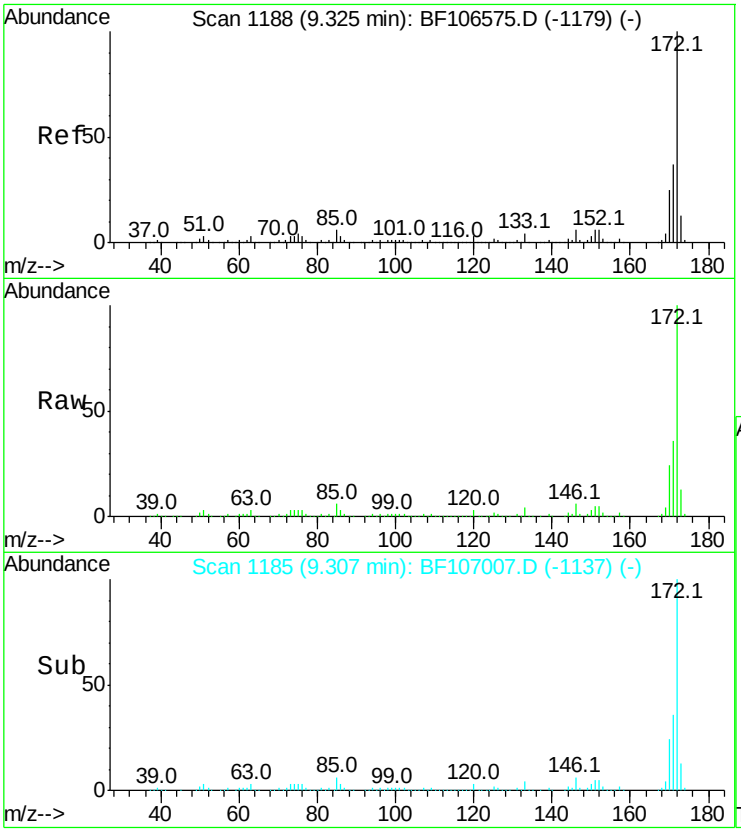


#41
2,4,6-Tribromophenol
Concen: 97.823 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion:330 Resp: 133088

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	23.3	29.9	44.9#



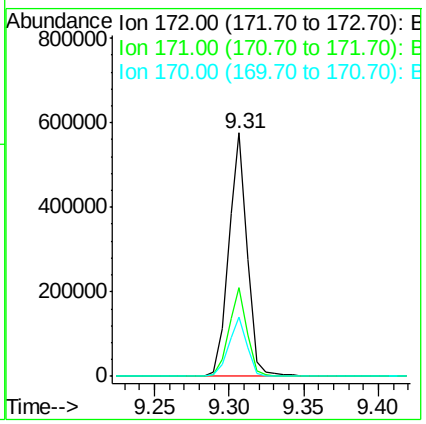


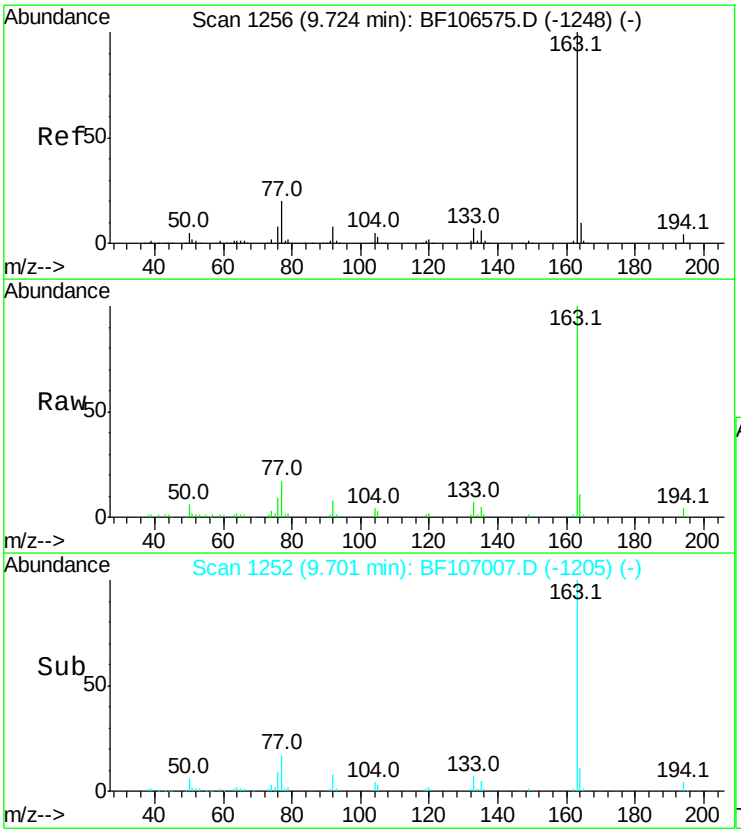
#44
2-Fluorobiphenyl
Concen: 70.338 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 505435

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4

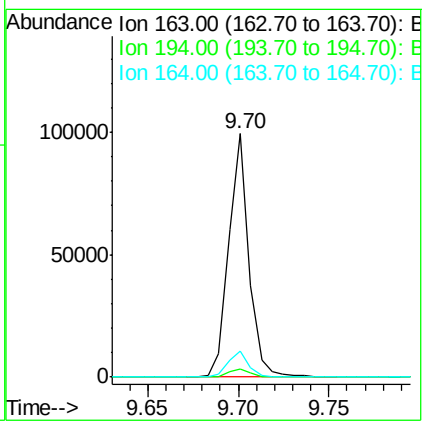


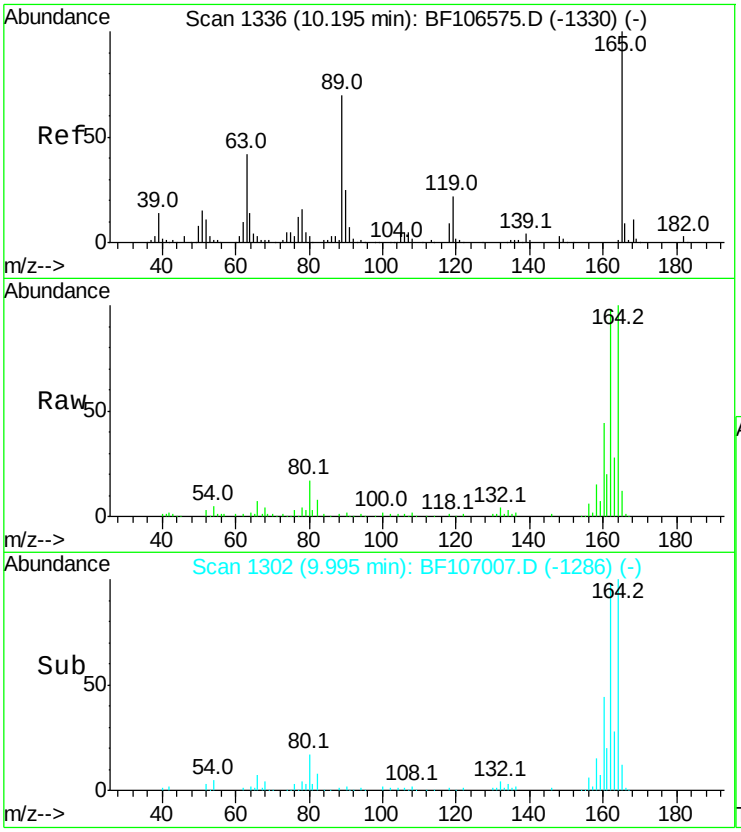


#49
Dimethylphthalate
Concen: 8.816 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion:163 Resp: 77616

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.5	8.2	12.2



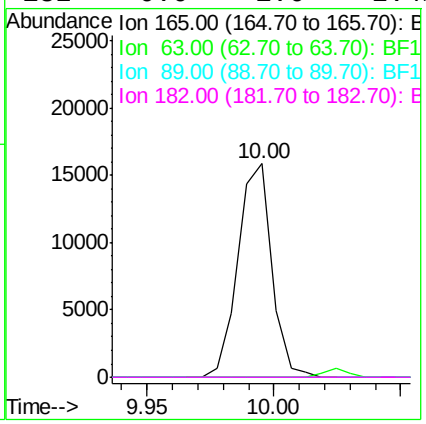


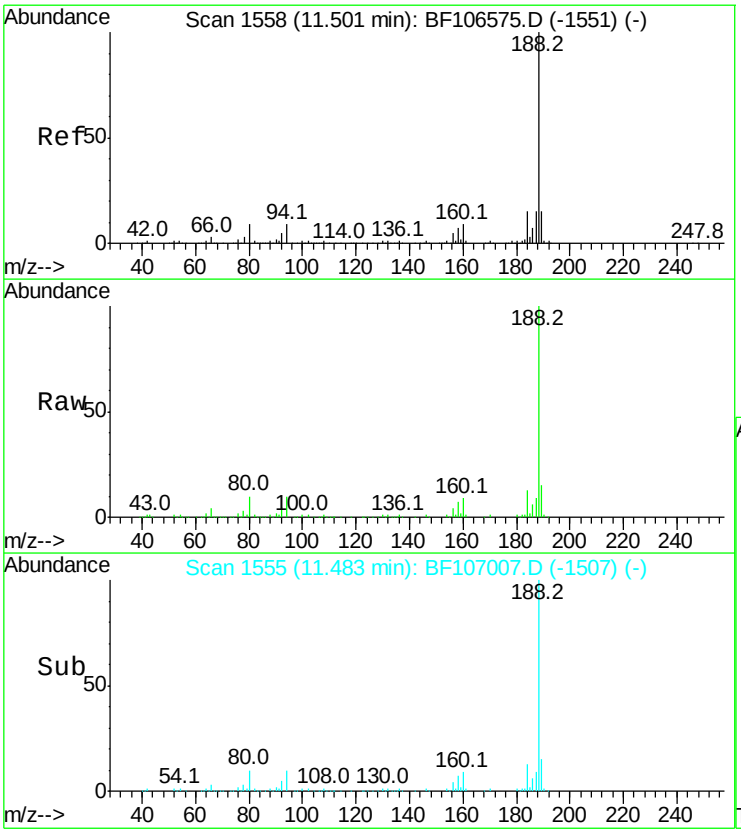
#56
2,4-Dinitrotoluene
Concen: 6.050 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14722

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#

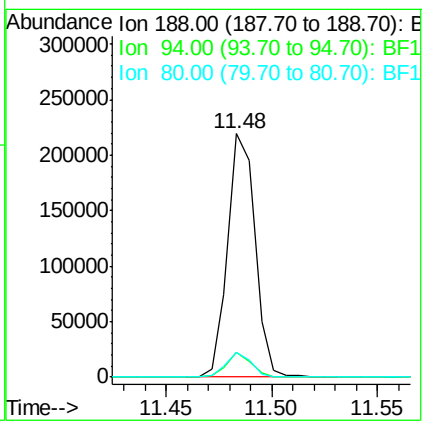


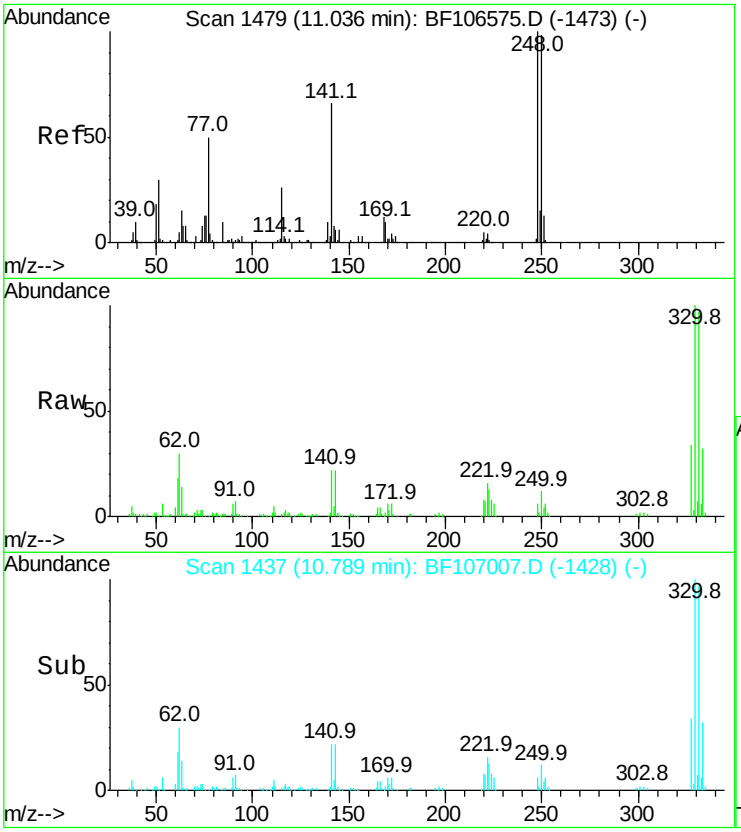


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion:188 Resp: 196107

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.0	9.2	13.8



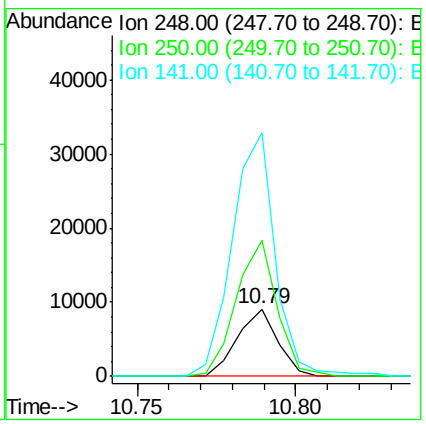


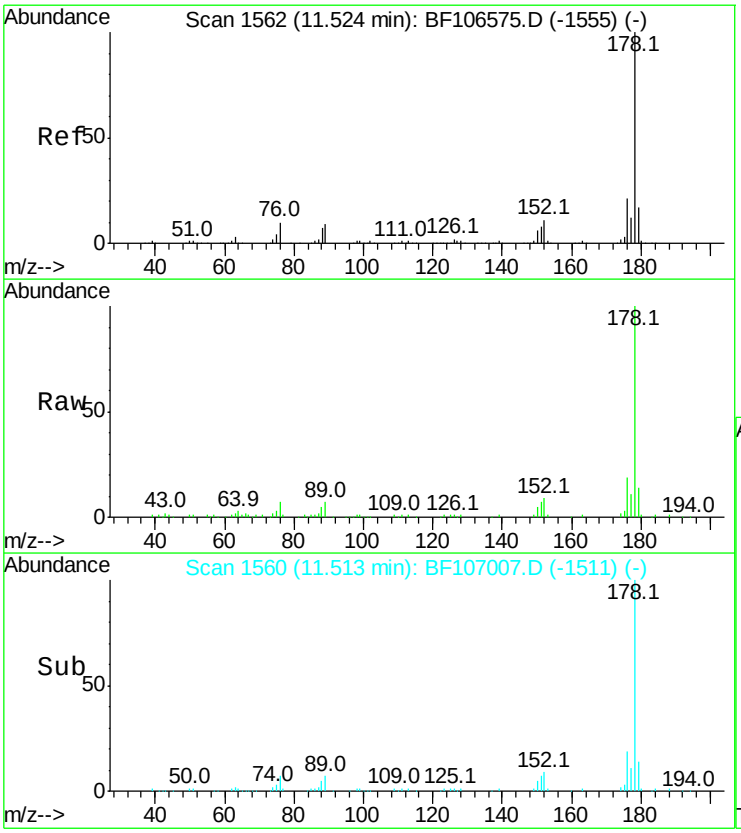
#66
4-Bromophenyl-phenylether
Concen: 3.397 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7951

Ion	Ratio	Lower	Upper
248	100		
250	202.4	76.9	115.3#
141	363.5	74.4	111.6#

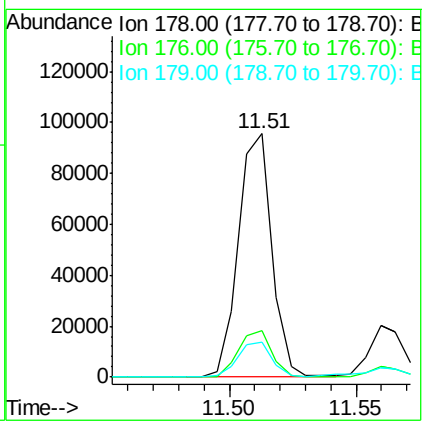


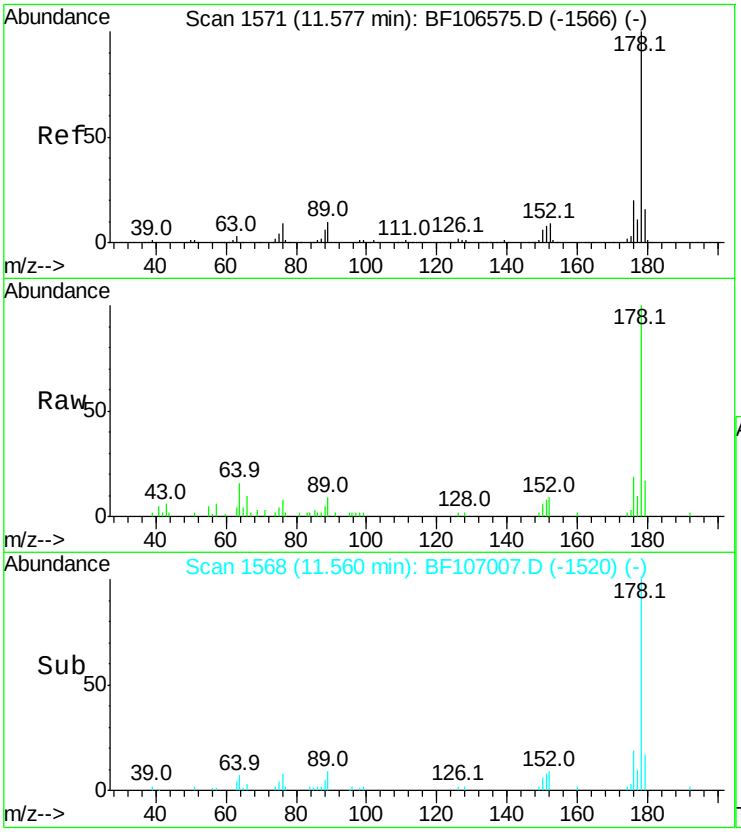


#70
Phenanthrene
Concen: 9.304 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion:178 Resp: 88002

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.5	13.0	19.6



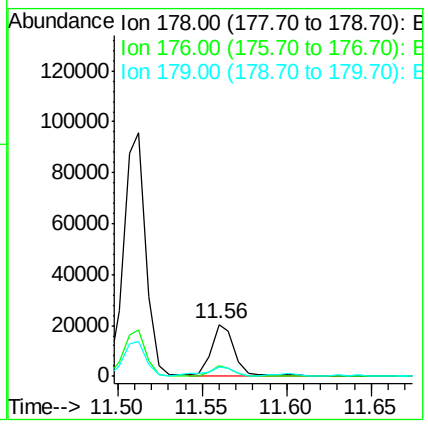


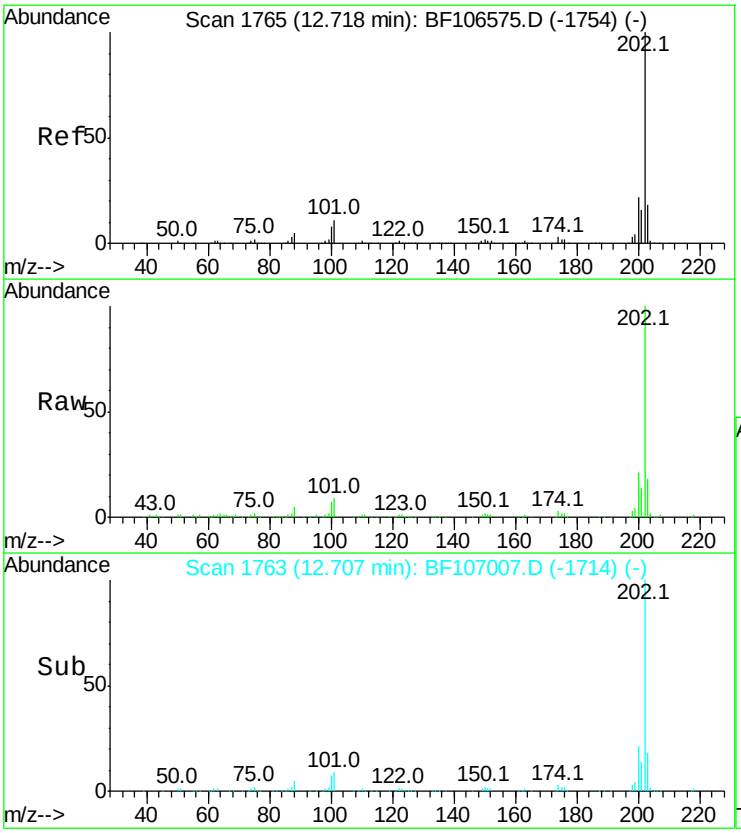
#71
Anthracene
Concen: 2.090 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 20176

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	17.1	12.6	19.0

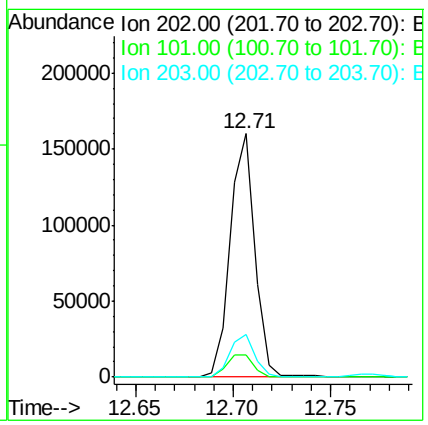


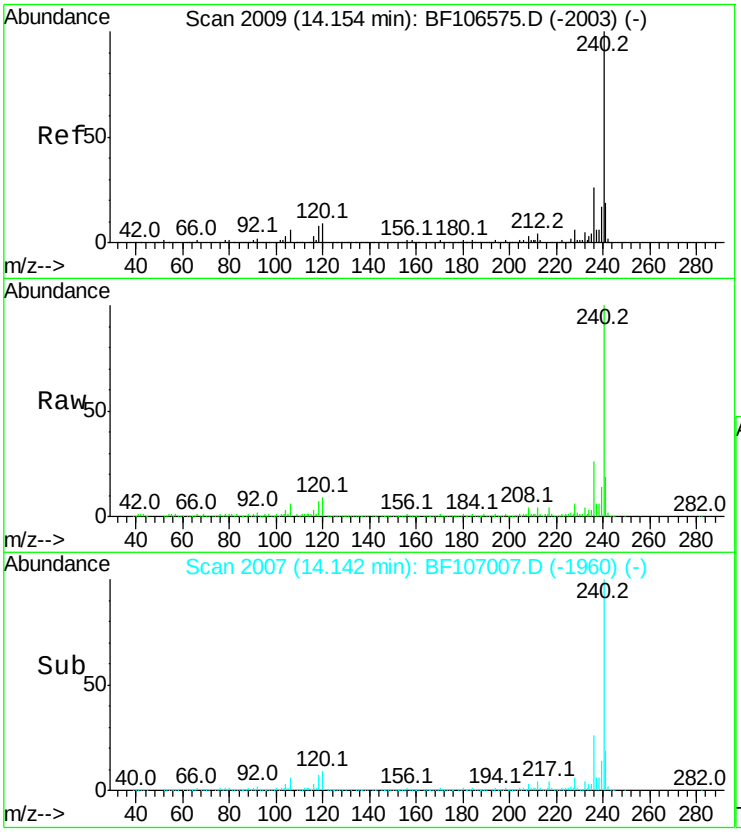


#74
Fluoranthene
Concen: 13.431 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion:202 Resp: 140021

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.1
203	17.5	0.0	38.1



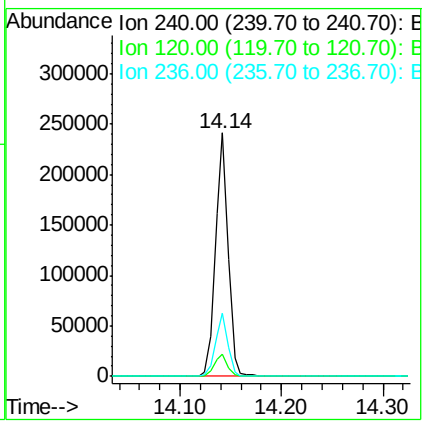


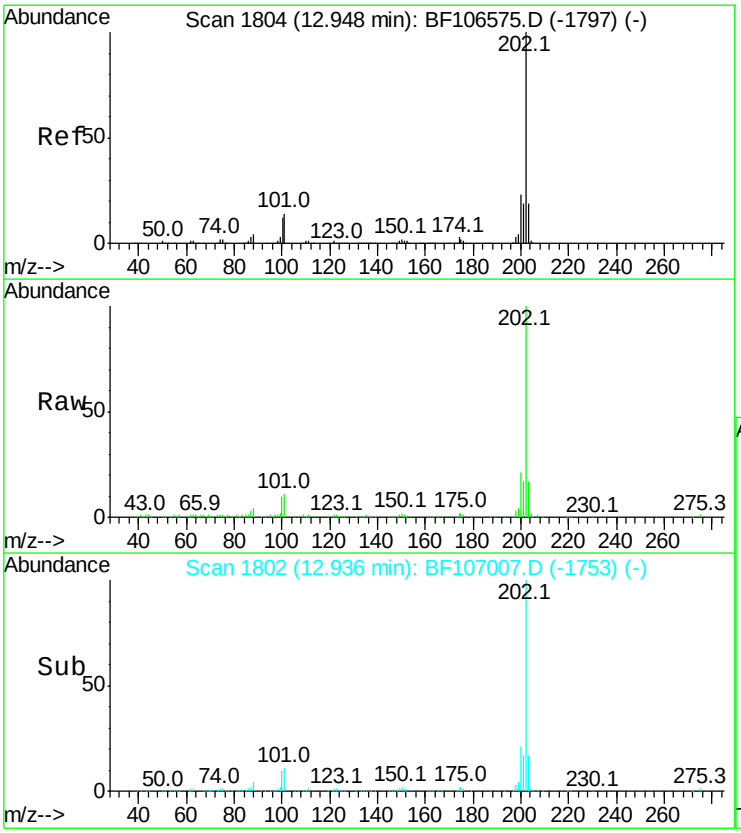
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 208486

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.7	20.7	31.1

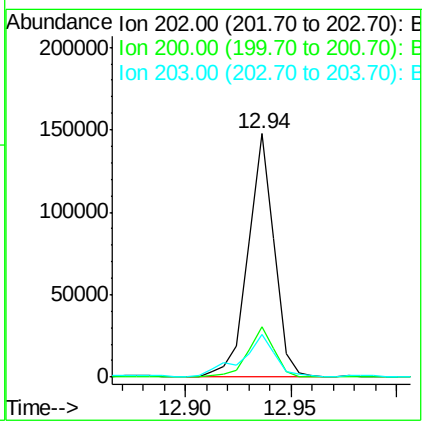


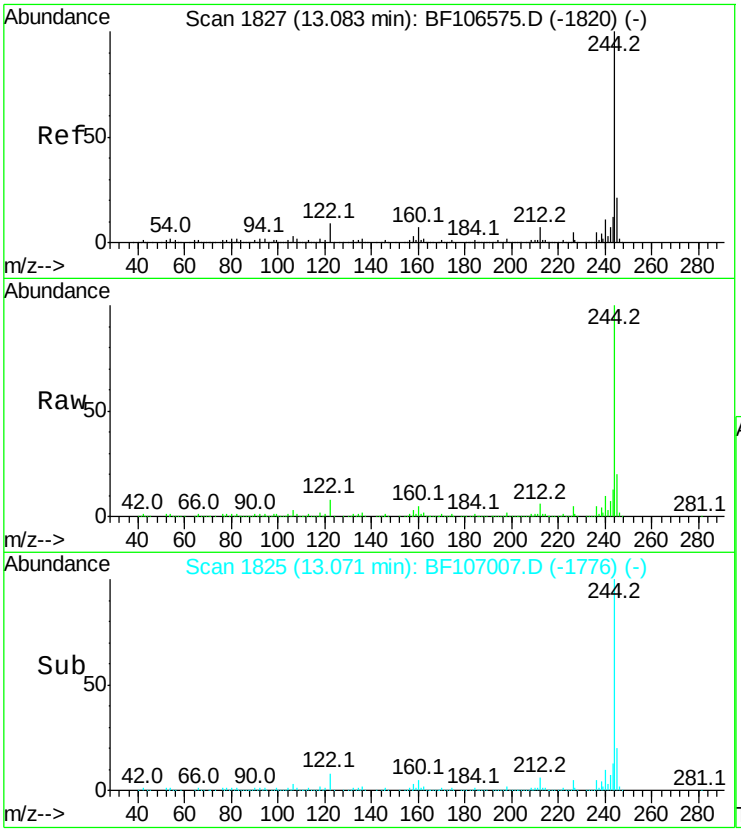


#77
Pyrene
Concen: 9.309 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion:202 Resp: 127984

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.3	14.3	21.5



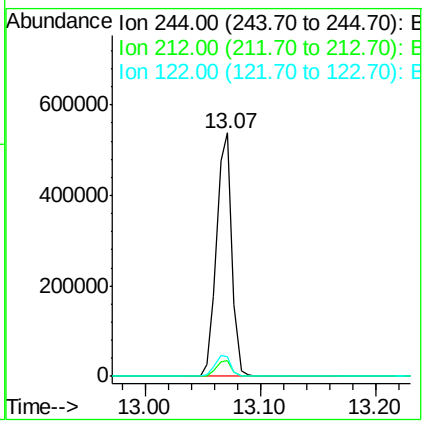


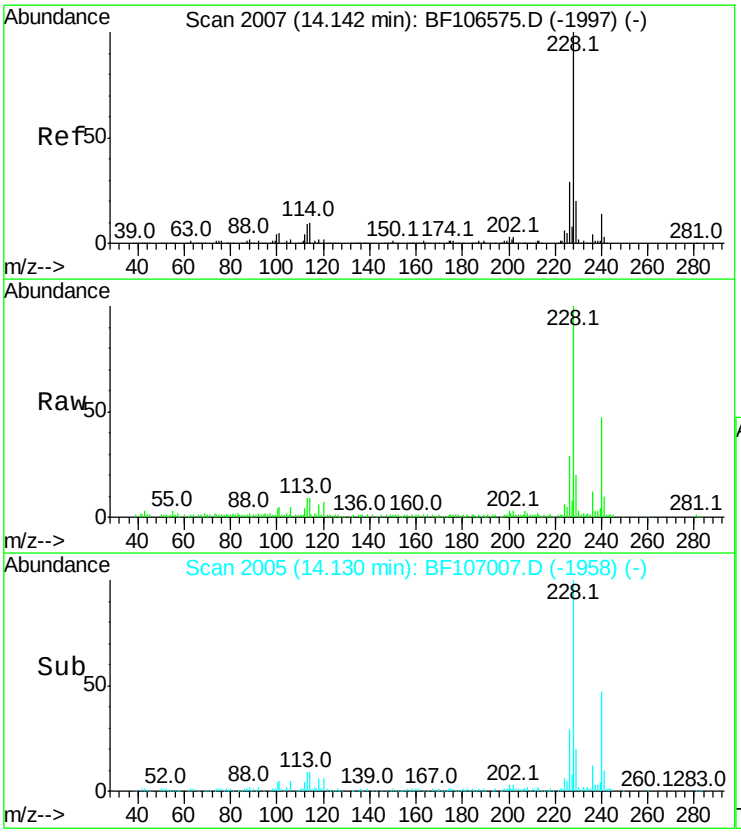
#78
Terphenyl-d14
Concen: 57.283 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 493032

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	7.9	11.0	16.4#

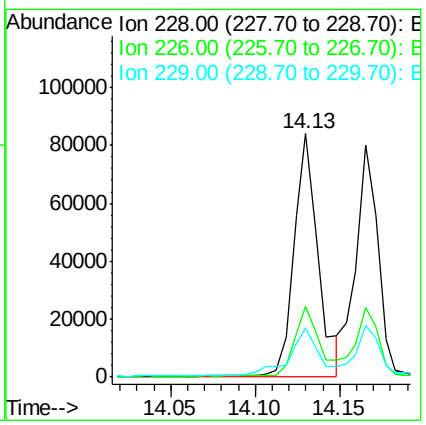


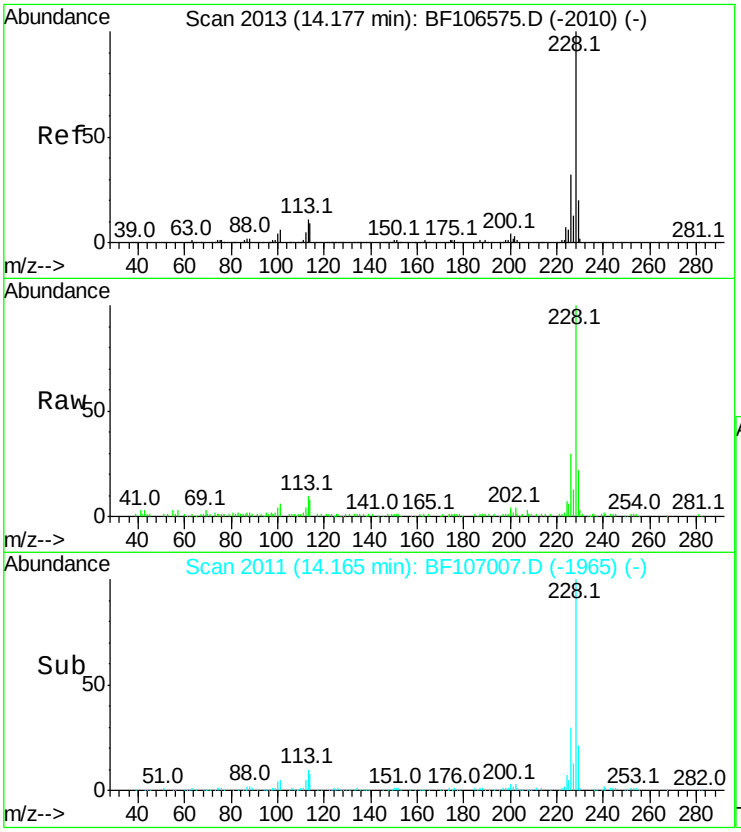


#80
Benzo(a)anthracene
Concen: 6.660 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion:228 Resp: 84620

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.1	15.8	23.6



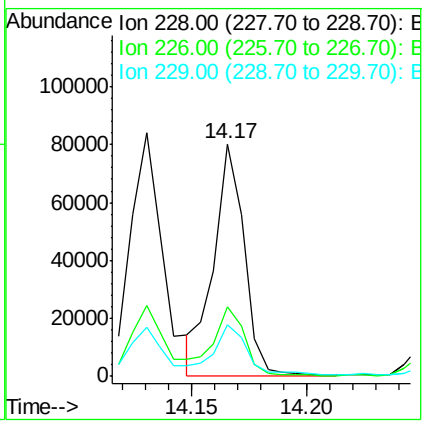


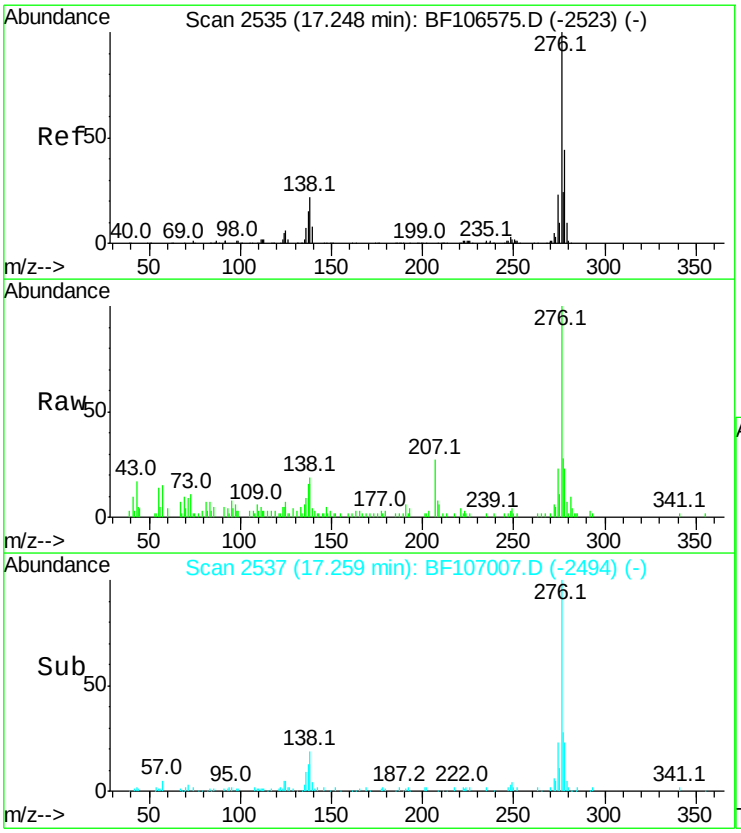
#82
Chrysene
Concen: 6.301 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 73660

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	22.0	16.2	24.4

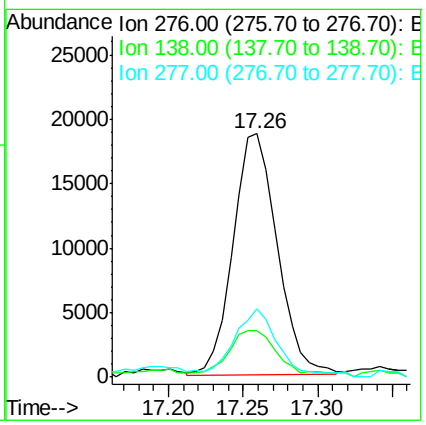


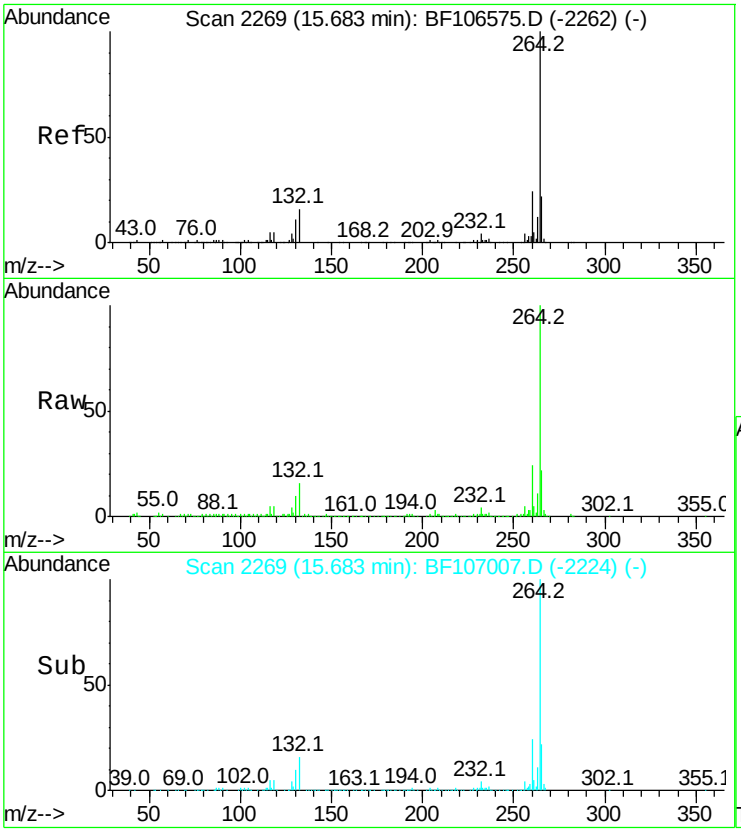


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.878 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion:276 Resp: 38467

Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	24.1	20.1	30.1



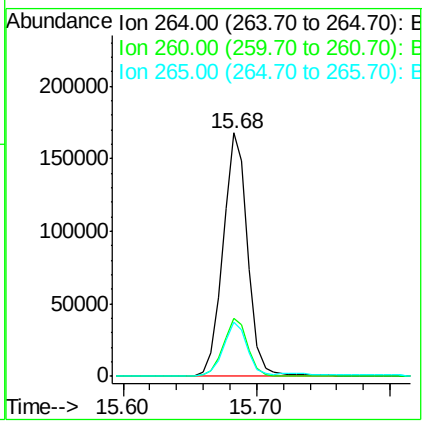


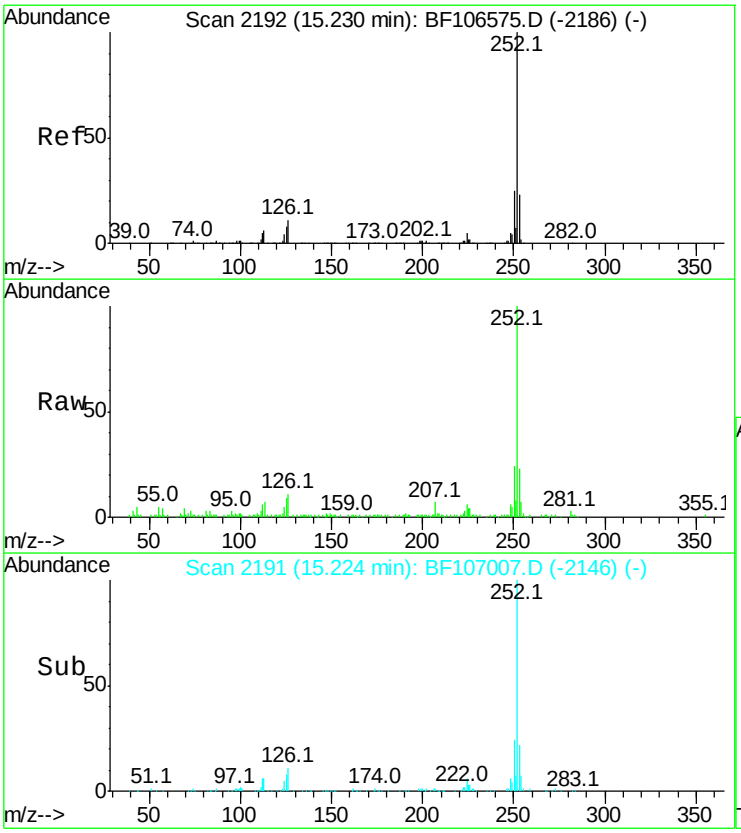
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 217473

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3

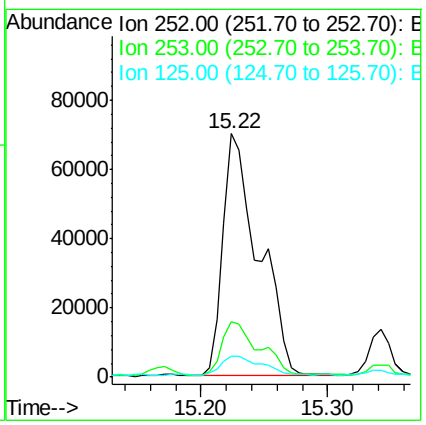


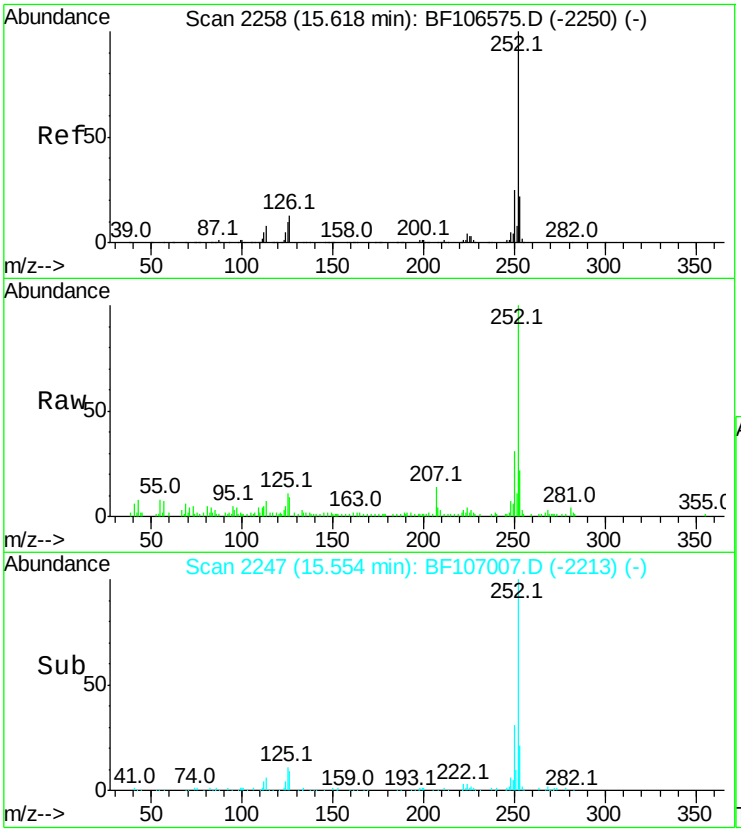


#87
Benzo(b)fluoranthene
Concen: 10.210 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion:252 Resp: 137935

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	8.7	9.0	13.6#



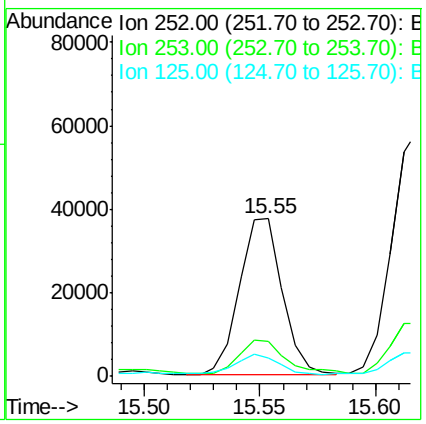


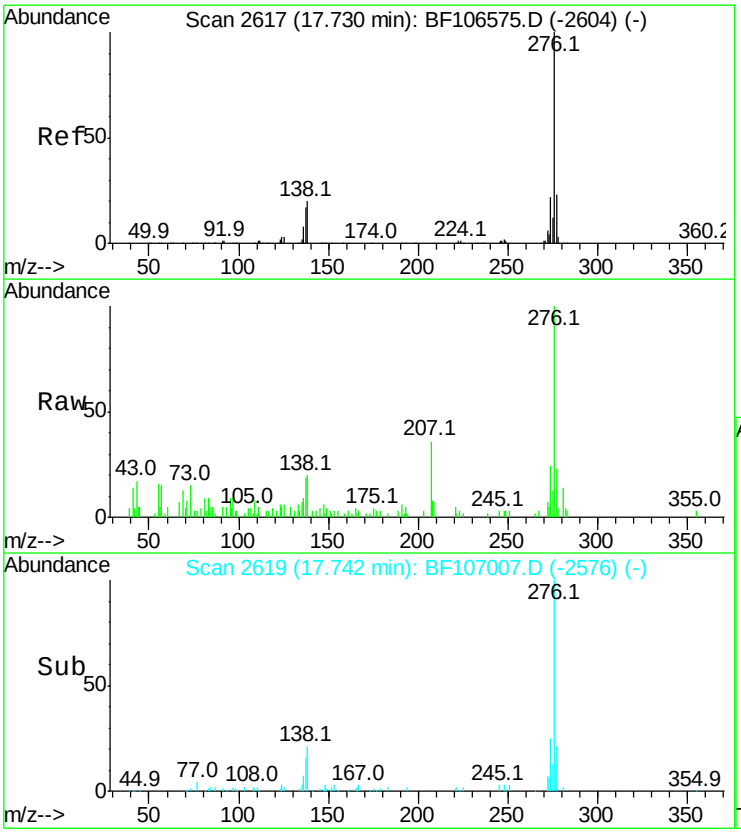
#89
Benzo(a)pyrene
Concen: 4.078 ng
RT: 15.55 min Scan# 2247
Delta R.T. -0.10 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 48978

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.474 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.05 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion:276 Resp: 34555

Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	20.2	21.8	32.8#