Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108102.D
Acq On : 10 Aug 2018 23:36
Operator : JU/SJ
Sample : J4282-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-080918-B

Quant Time: Aug 11 00:33:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	247782	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	865894	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	366818	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	634043	20.00	ng		0.00
75) Chrysene-d12	14.22	240	503161	20.00	ng		0.00
86) Perylene-d12	15.79	264	350943	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	331204	24.20	ng		0.00
7) Phenol-d6	6.62	99	450344	24.76	ng		0.00
23) Nitrobenzene-d5	7.58	82	260751	16.80	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	73258	20.02	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	432704	18.94	ng		0.00
78) Terphenyl-d14	13.15	244	388770	19.65	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	34733	2.824	ng	#	83
25) Isophorone	7.58	82	260535	8.809	ng	#	64
32) Benzoic acid	8.31	122	248	6.003	ng	#	1
50) 2,6-Dinitrotoluene	10.07	165	48488	9.070	ng	#	26
56) 2,4-Dinitrotoluene	10.07	165	48488	7.046	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.86	198	107	5.399	ng	#	1
70) Phenanthrene	11.59	178	244333	8.170	ng		100
71) Anthracene	11.64	178	71140	2.321	ng		99
74) Fluoranthene	12.79	202	387942	11.886	ng		95
77) Pyrene	13.02	202	357331	11.217	ng		99
80) Benzo(a)anthracene	14.21	228	158191	5.478	ng		99
82) Chrysene	14.25	228	124024	4.685	ng		98
85) Indeno(1,2,3-cd)pyrene	17.42	276	56075	2.445	ng	#	89
87) Benzo(b)fluoranthene	15.32	252	174876	8.339	ng		95
88) Benzo(k)fluoranthene	15.32	252	174876	9.072	ng		98
89) Benzo(a)pyrene	15.72	252	95289	5.074	ng		93
91) Benzo(g,h,i)perylene	17.91	276	56057	3.664	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
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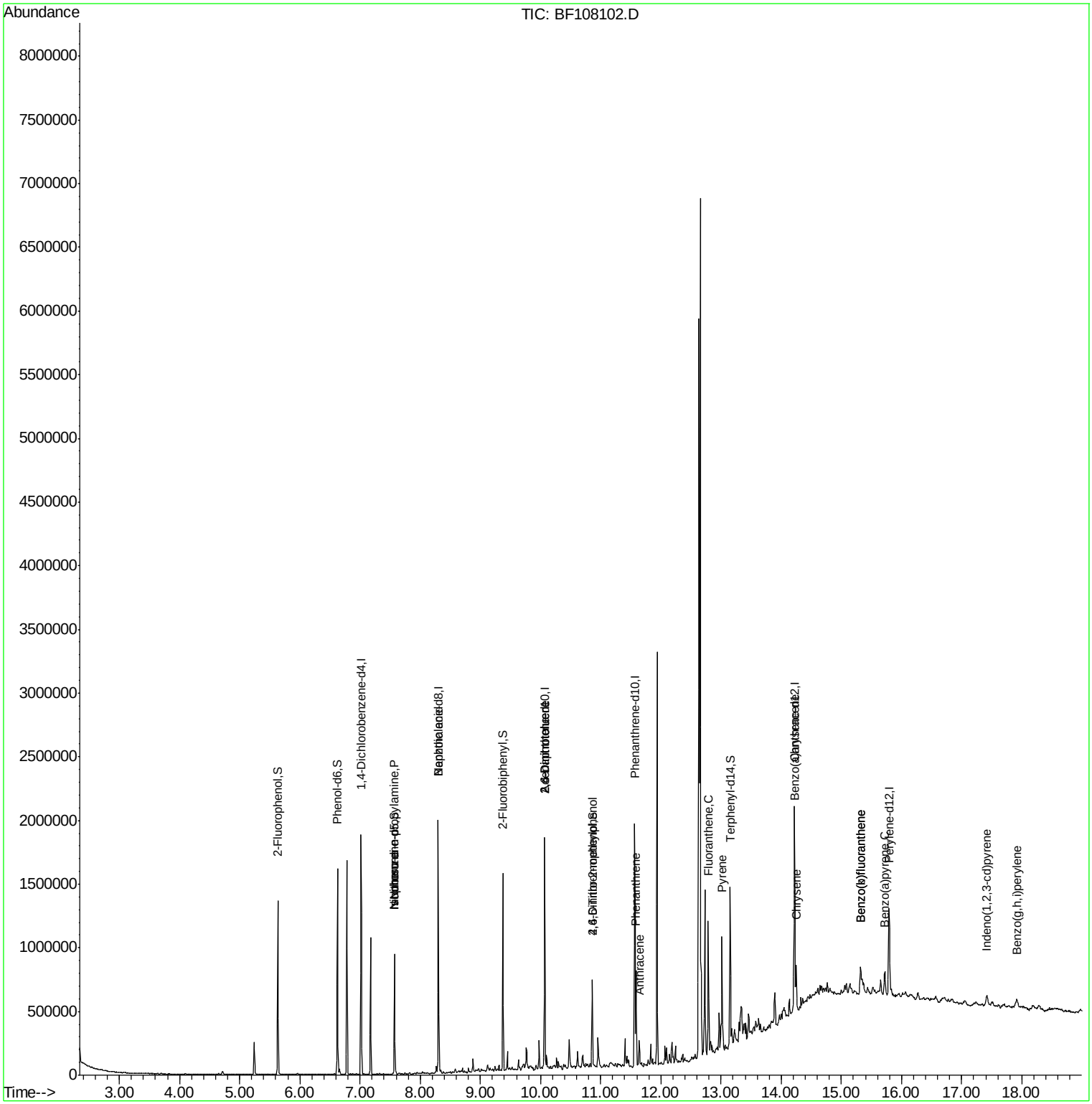
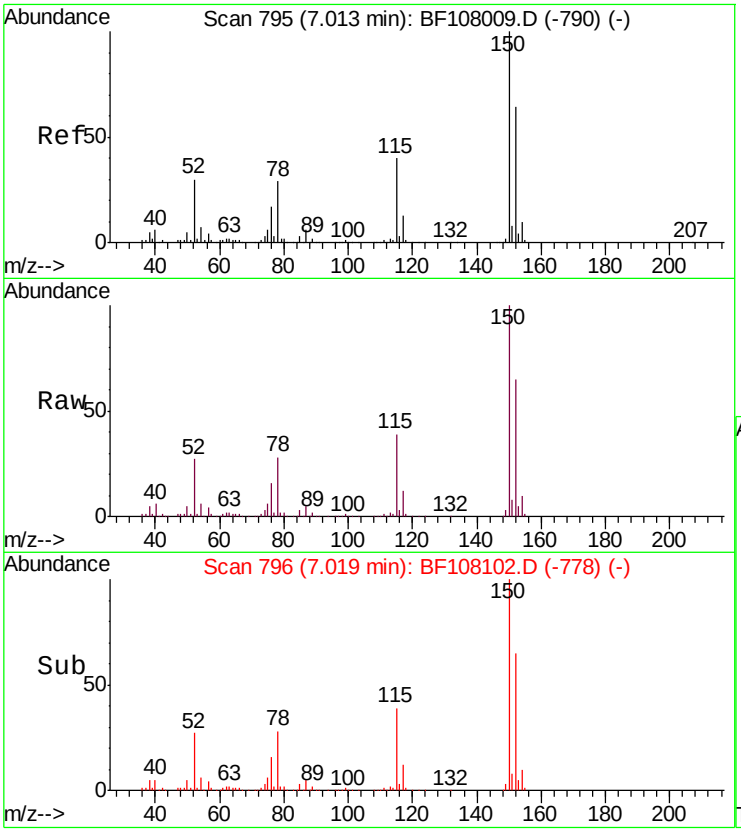


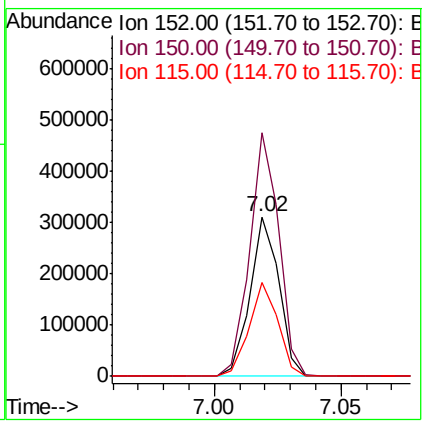


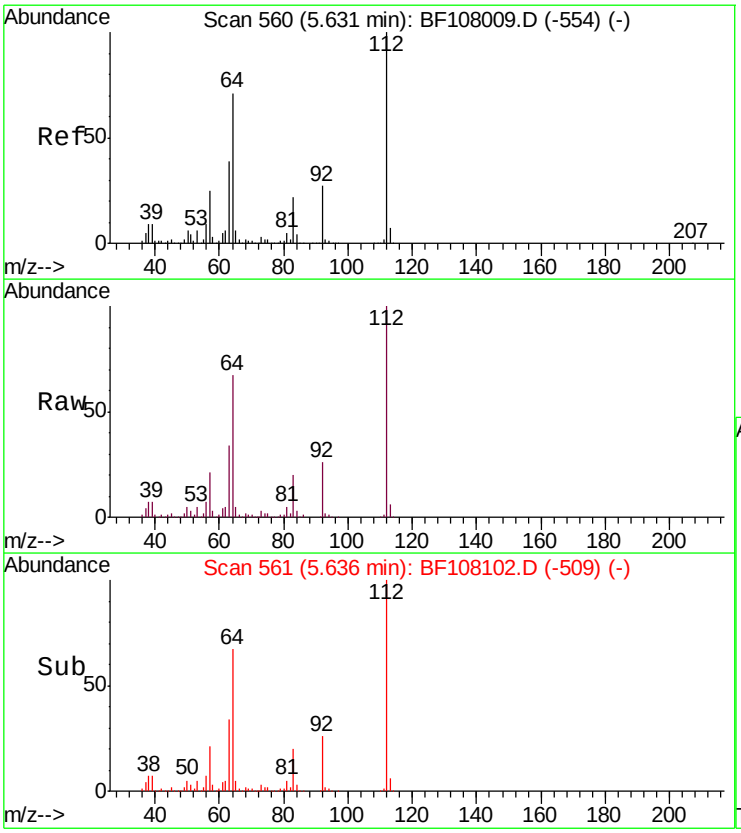
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:152 Resp: 247782

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	59.2	50.1	75.1

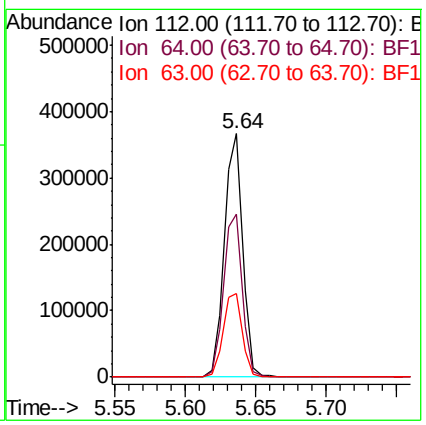


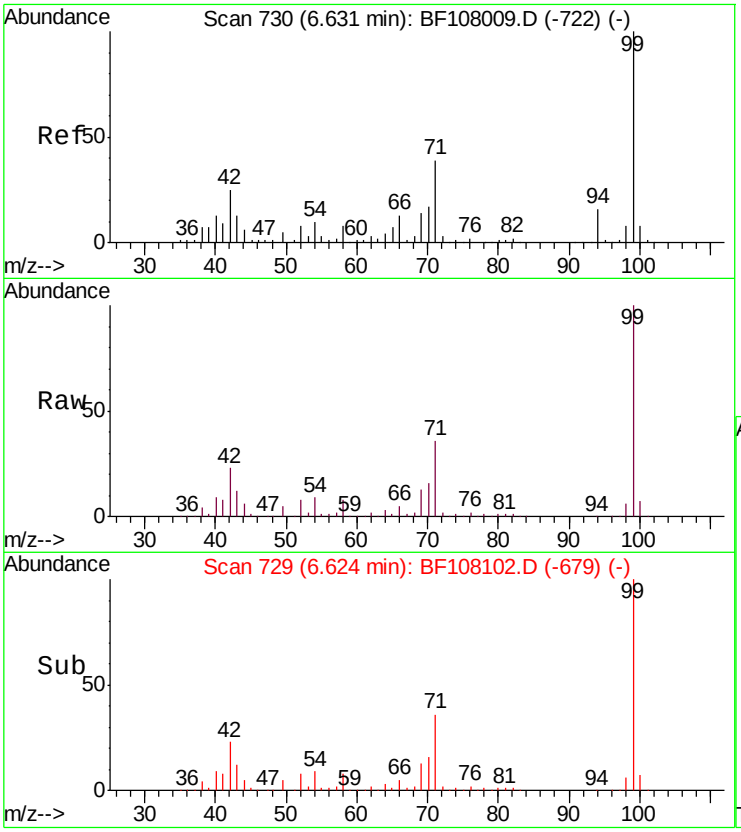


#5
2-Fluorophenol
Concen: 24.200 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion:112 Resp: 331204

Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	34.3	23.7	35.5



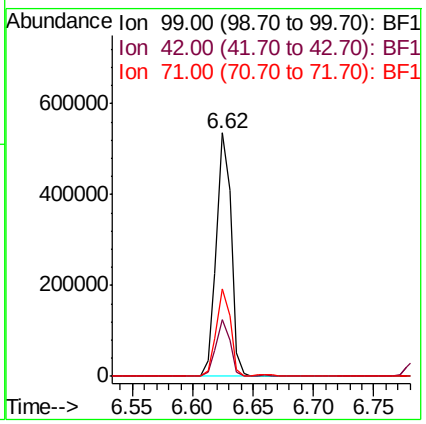


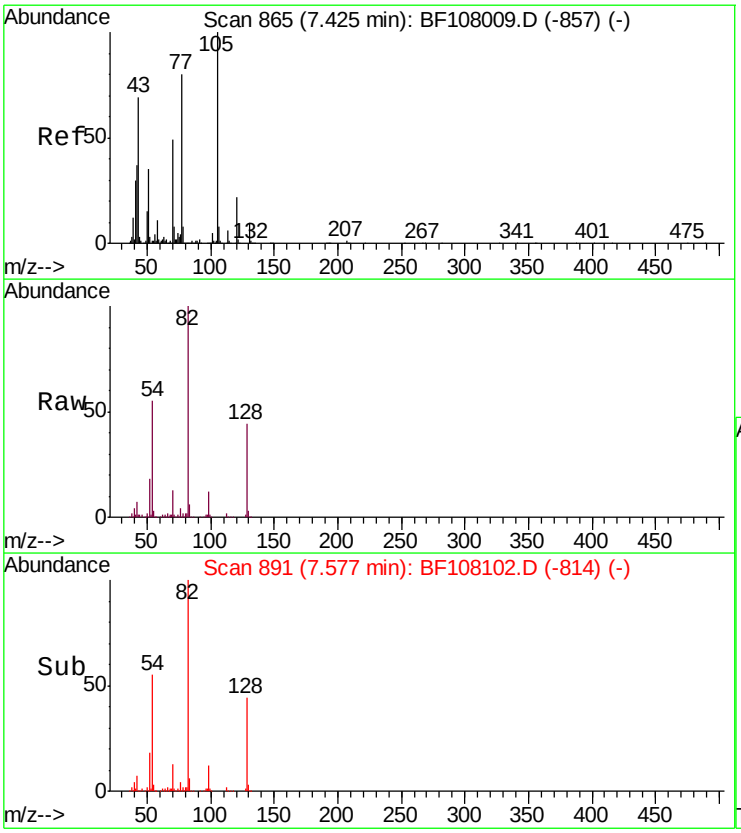
#7
Phenol-d6
Concen: 24.762 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion: 99 Resp: 450344

Ion	Ratio	Lower	Upper
99	100		
42	23.3	14.5	21.7#
71	36.0	25.4	38.0

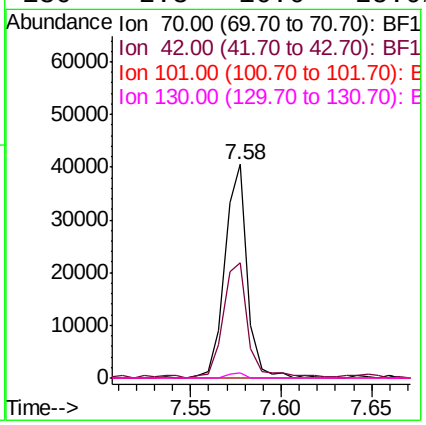


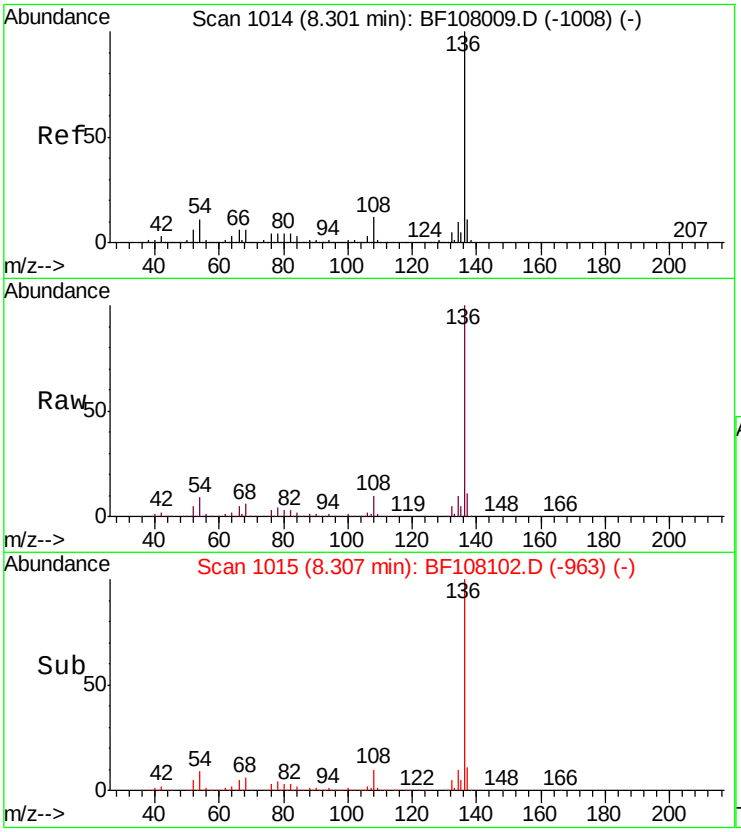


#19
n-Nitroso-di-n-propylamine
Concen: 2.824 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion: 70 Resp: 34733

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



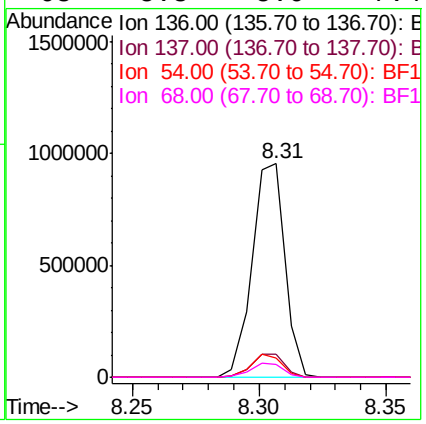


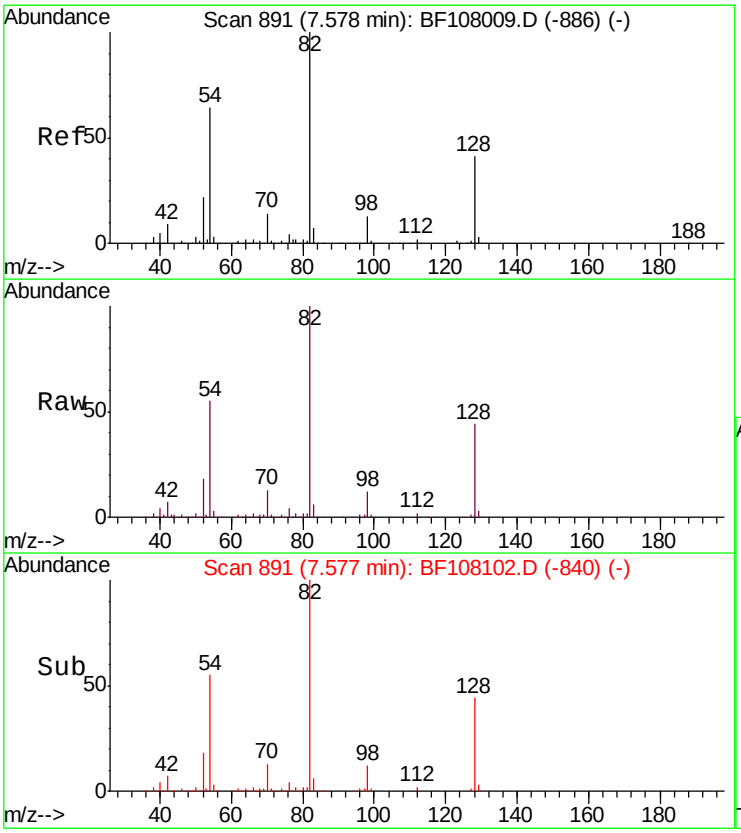
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:136 Resp: 865894

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.1	6.6	9.8
68	5.8	5.0	7.4

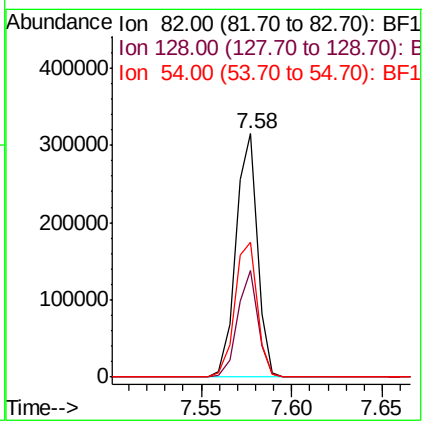


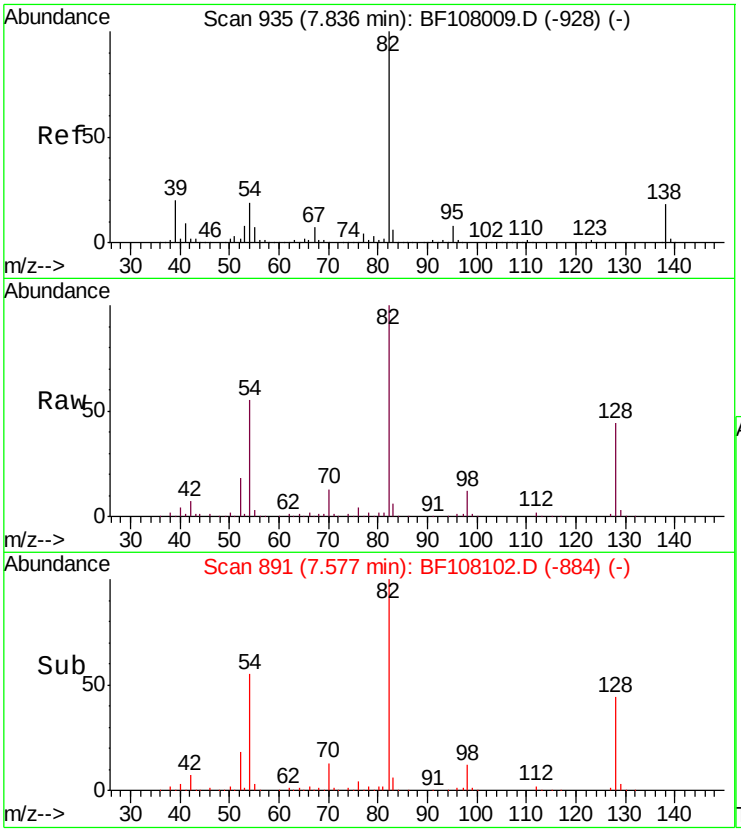


#23
Nitrobenzene-d5
Concen: 16.804 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion: 82 Resp: 260751

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	55.4	41.4	62.2



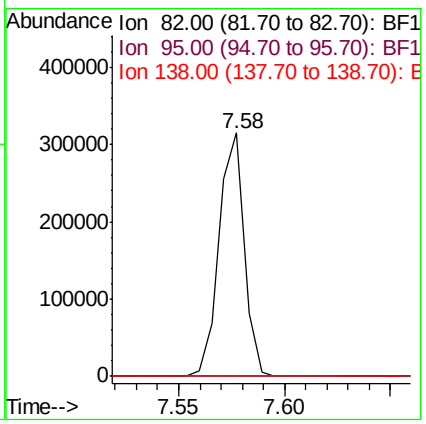


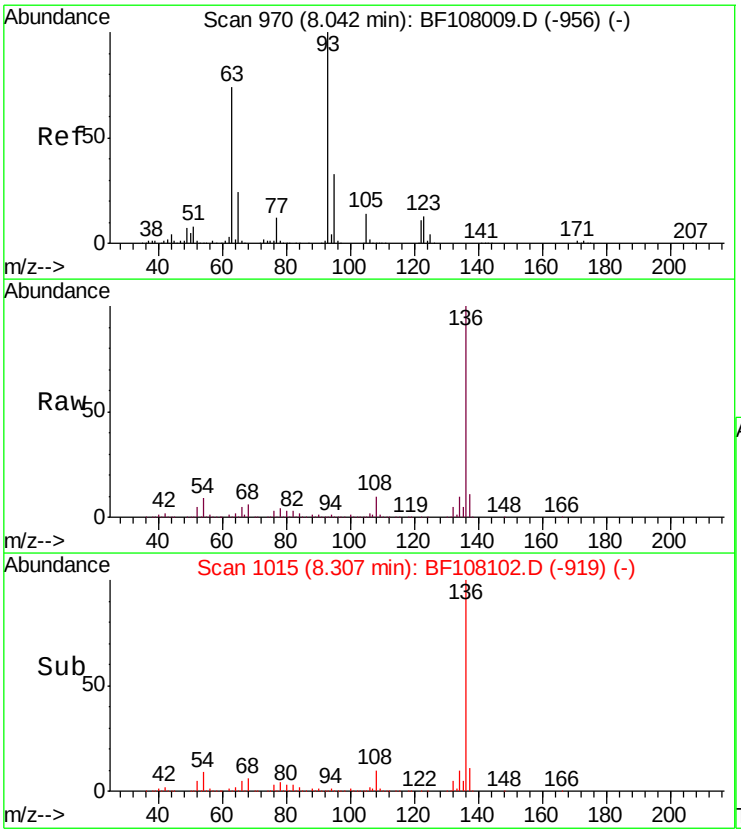
#25
Isophorone
Concen: 8.809 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion: 82 Resp: 260535

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

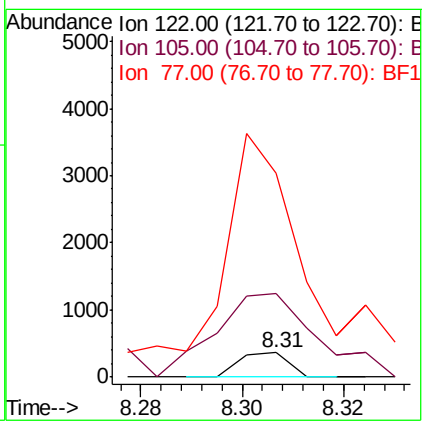


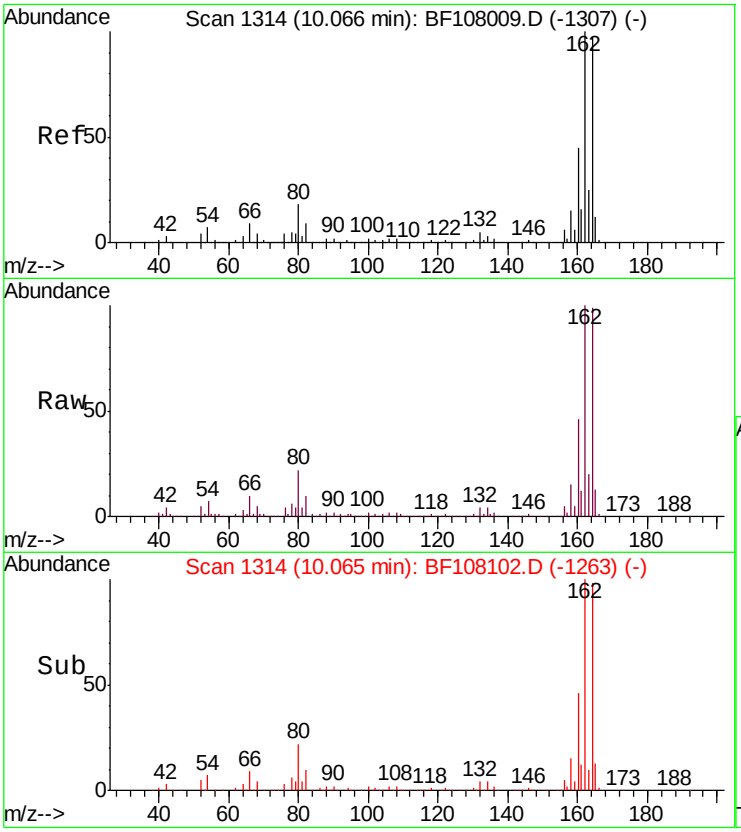


#32
Benzoic acid
Concen: 6.003 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.26 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion:122 Resp: 248

Ion	Ratio	Lower	Upper
122	100		
105	342.5	101.1	141.1#
77	829.9	70.7	110.7#



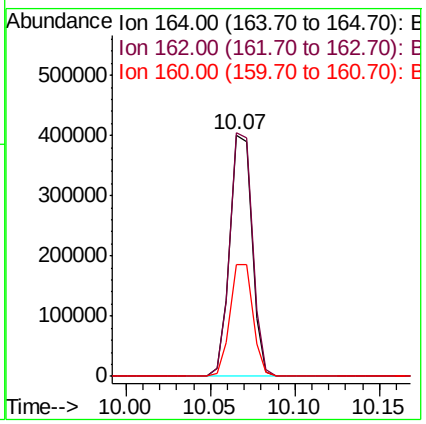


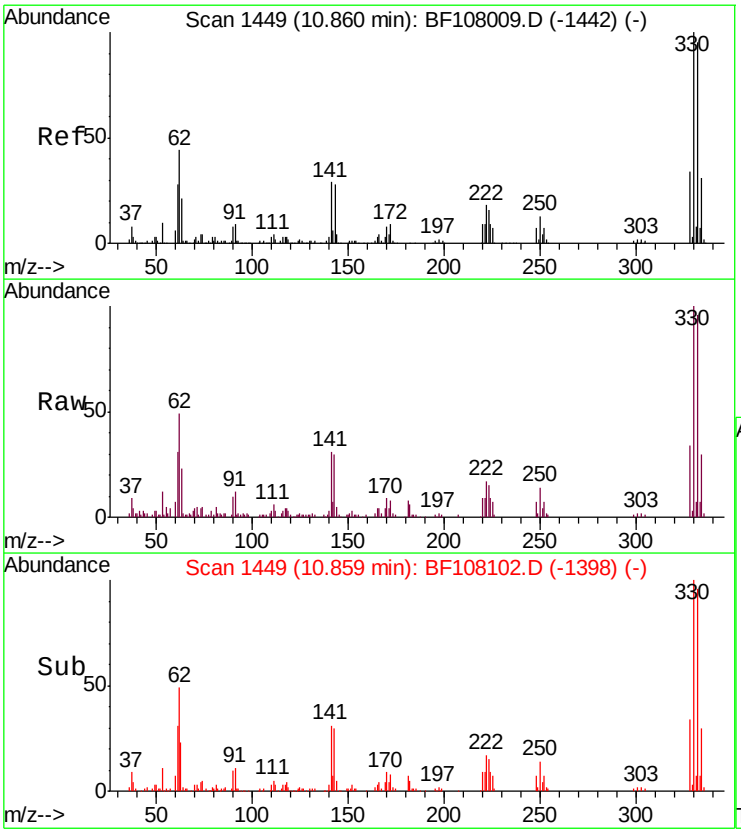
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:164 Resp: 366818

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	46.2	38.3	57.5

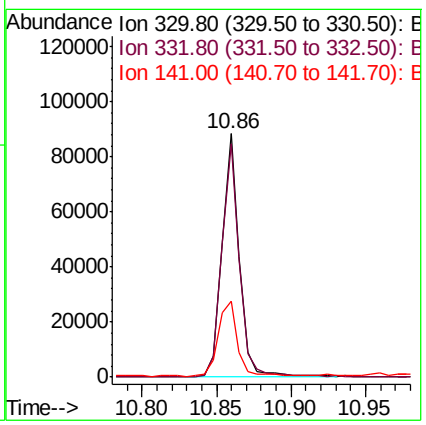


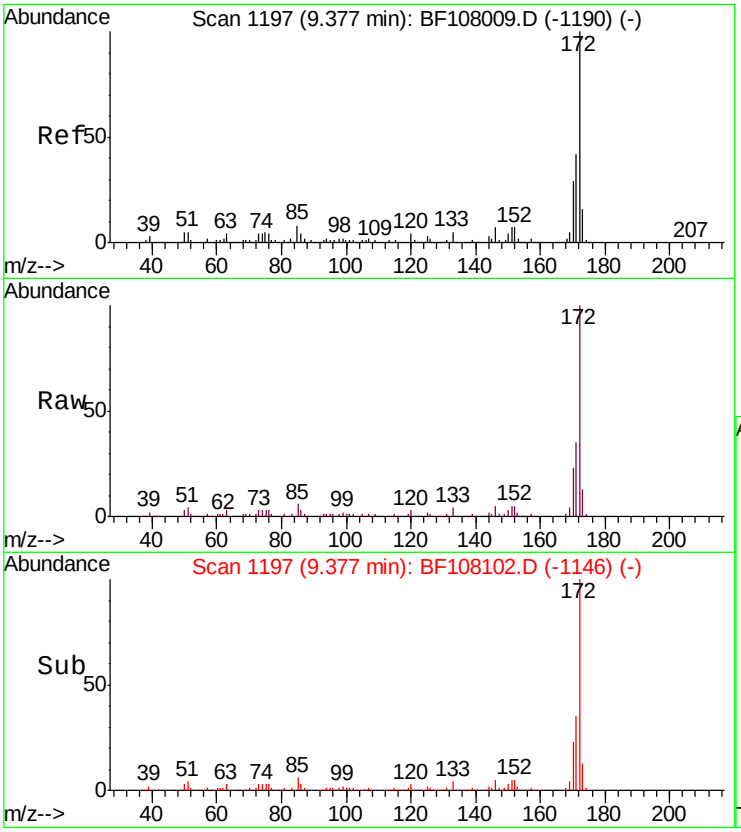


#41
2,4,6-Tribromophenol
Concen: 20.022 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion:330 Resp: 73258

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	33.8	29.9	44.9



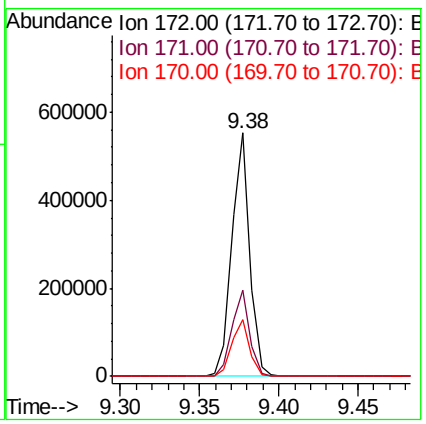


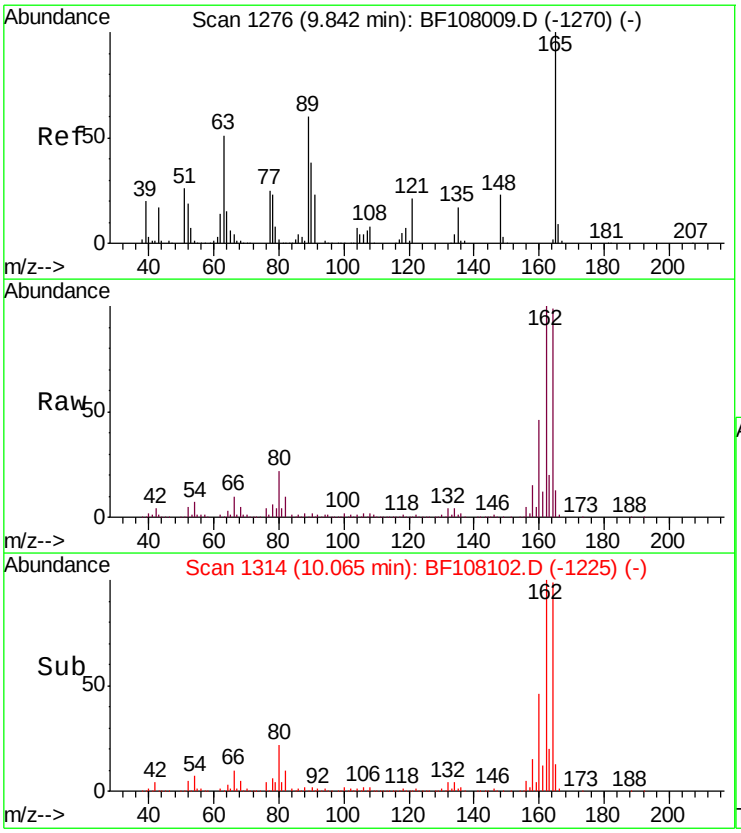
#44
2-Fluorobiphenyl
Concen: 18.938 ng
RT: 9.38 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:172 Resp: 432704

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.3	19.6	29.4

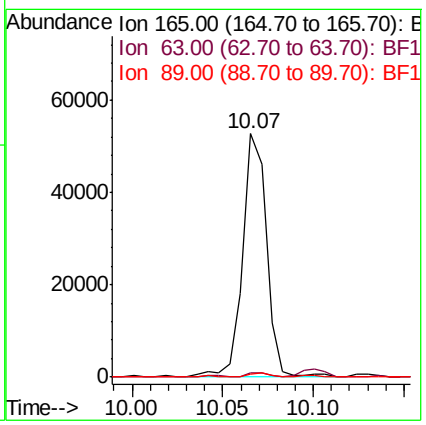


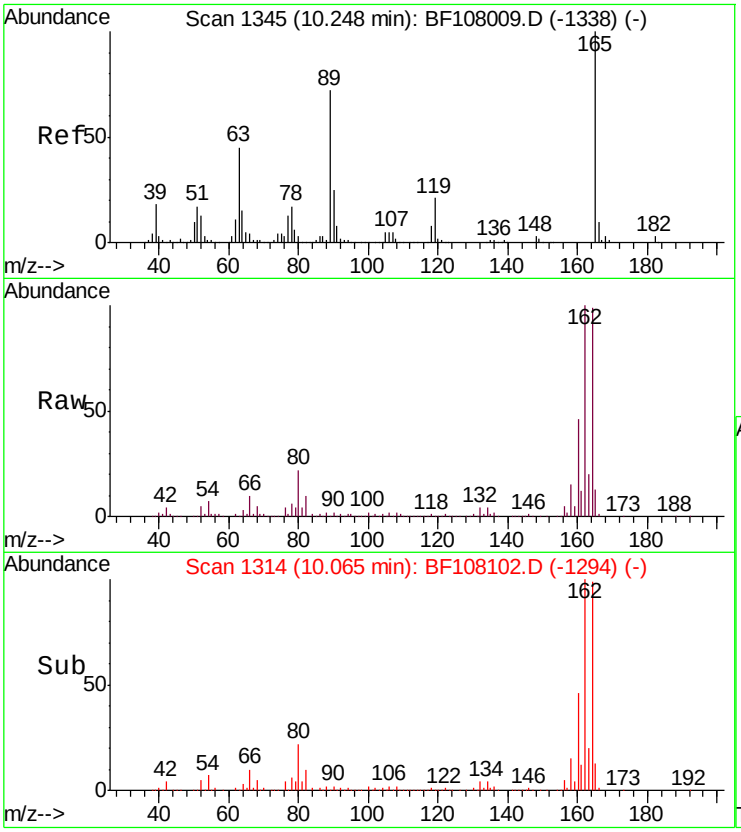


#50
2,6-Dinitrotoluene
Concen: 9.070 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.22 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion:165 Resp: 48488

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.0	44.0	66.0#



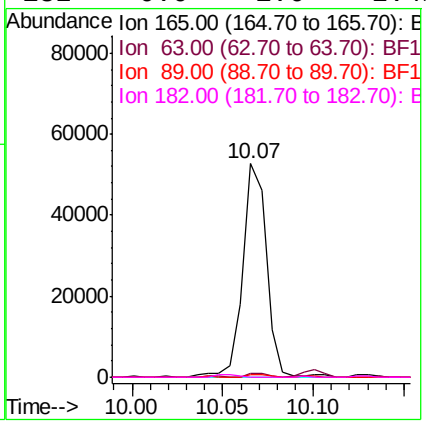


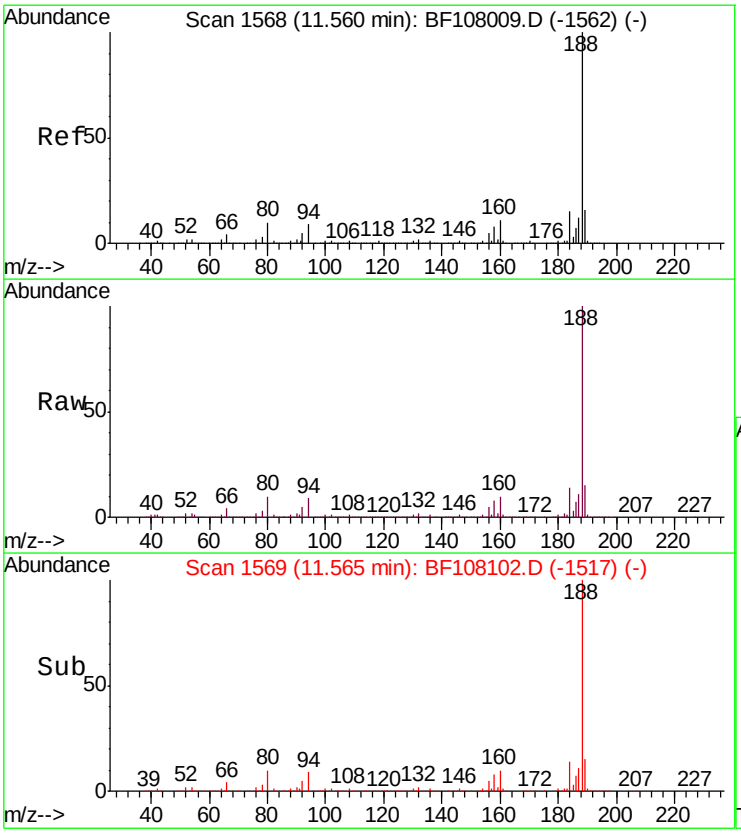
#56
2,4-Dinitrotoluene
Concen: 7.046 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.18 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:165 Resp: 48488

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

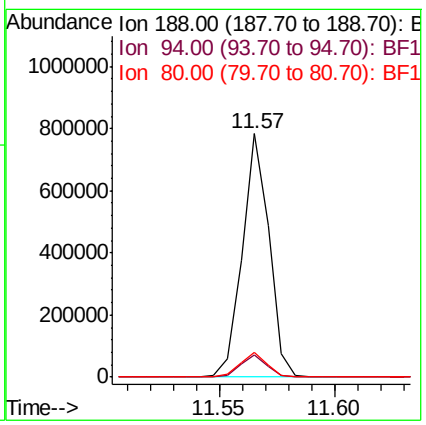


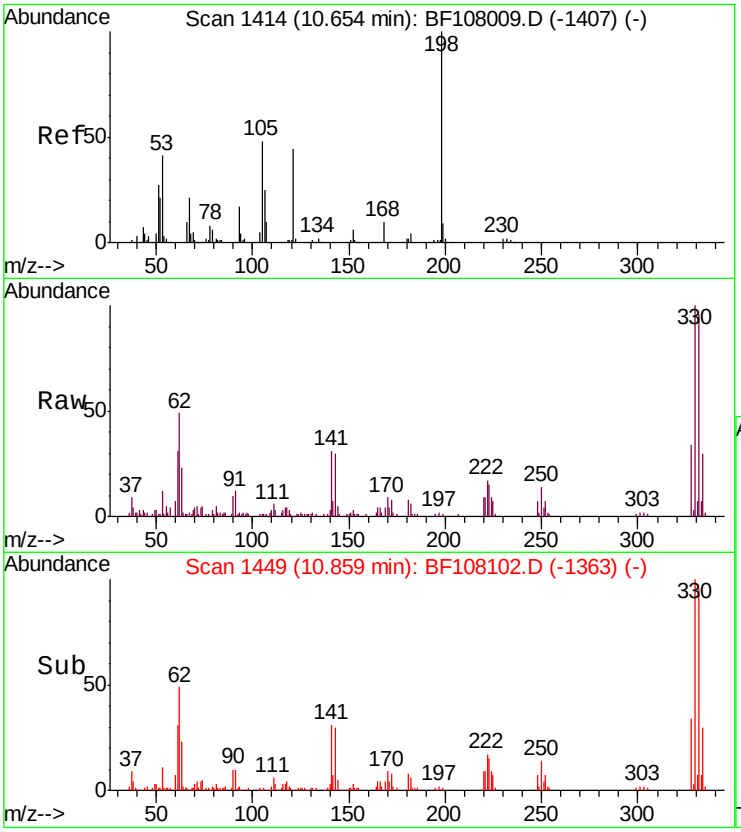


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion:188 Resp: 634043

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



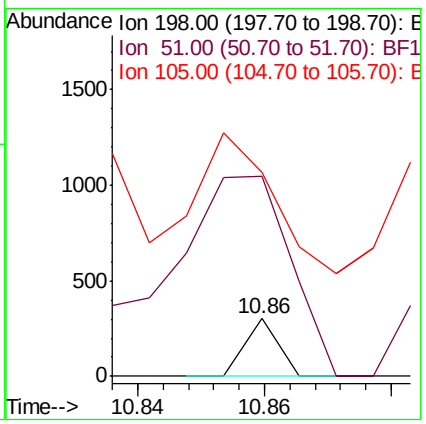


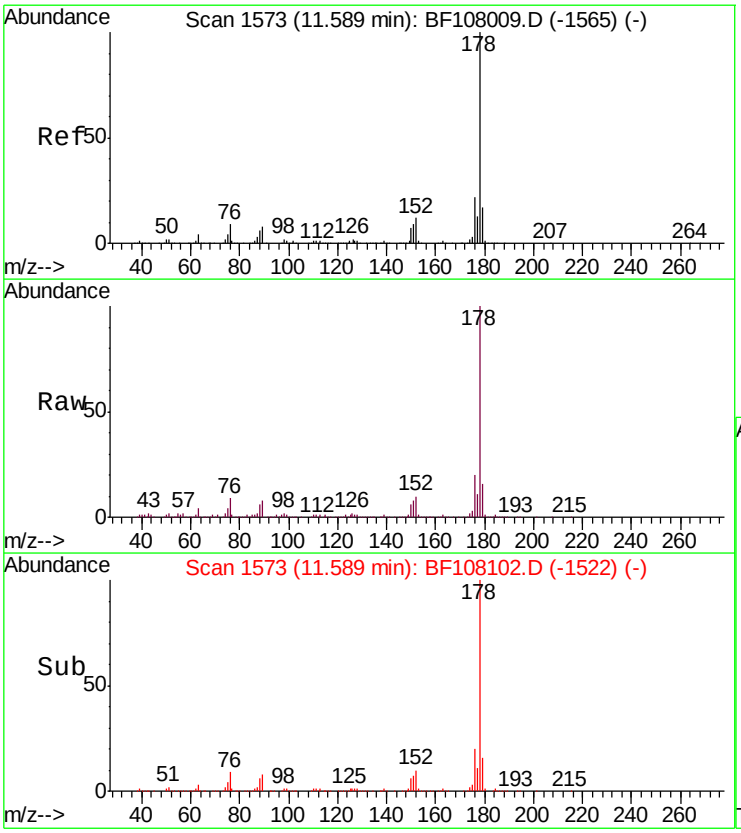
#64
4,6-Dinitro-2-methylphenol
Concen: 5.399 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.21 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:198 Resp: 107

Ion	Ratio	Lower	Upper
198	100		
51	345.5	37.7	77.7#
105	352.5	36.3	76.3#

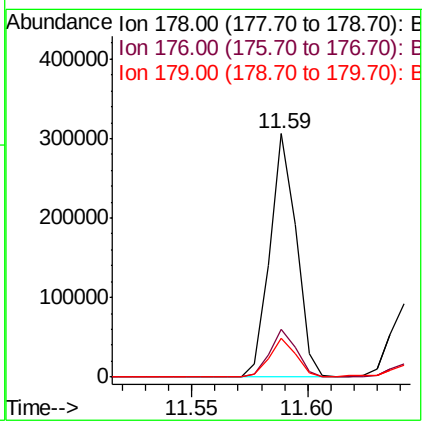


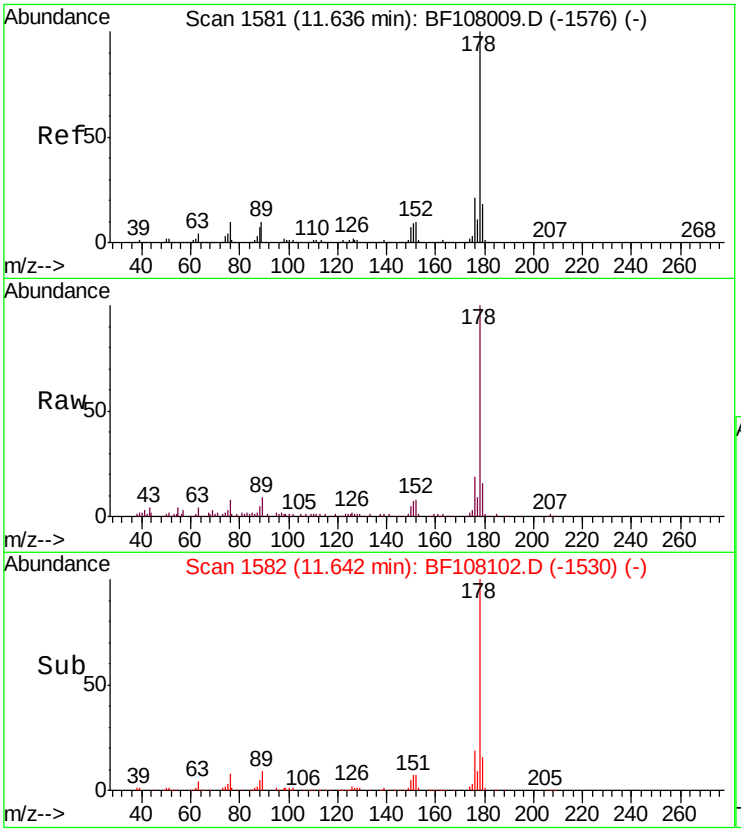


#70
Phenanthrene
Concen: 8.170 ng
RT: 11.59 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion:178 Resp: 244333

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.1	13.0	19.6



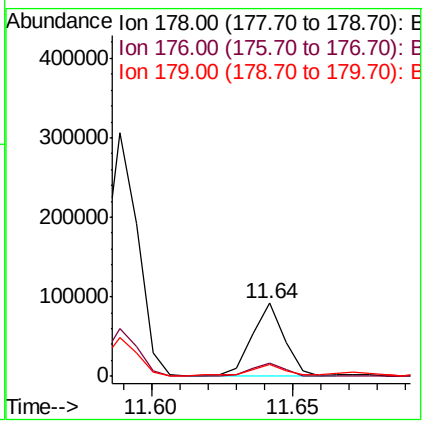


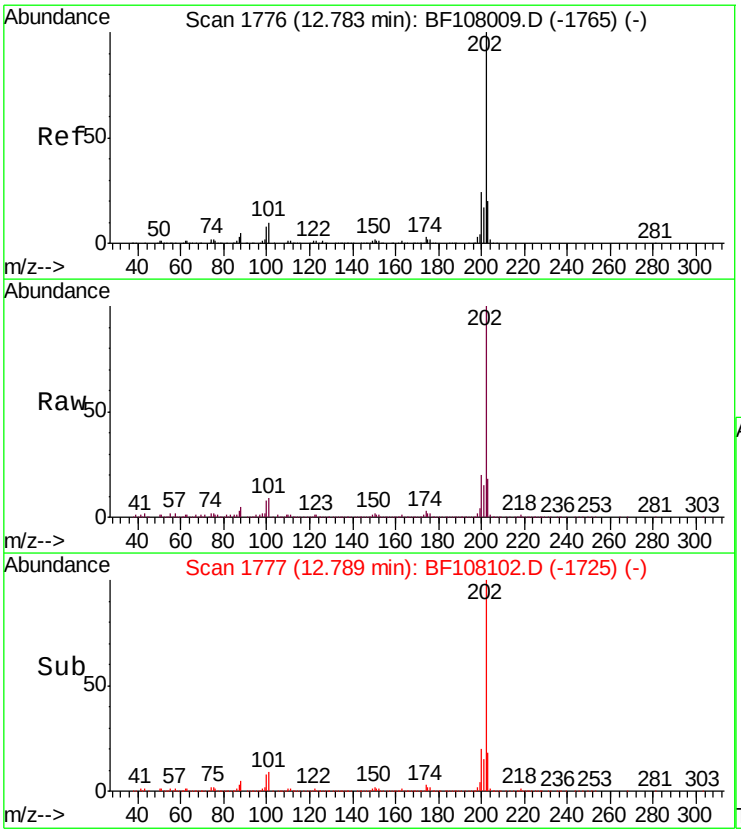
#71
Anthracene
Concen: 2.321 ng
RT: 11.64 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:178 Resp: 71140

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.9	12.6	19.0

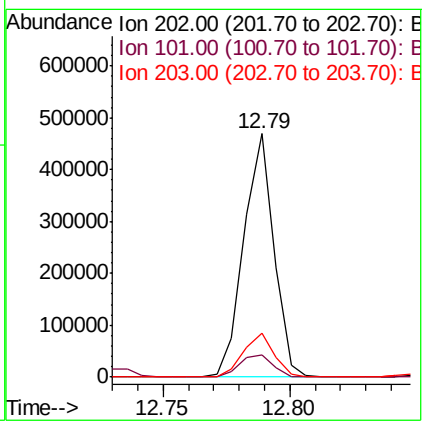


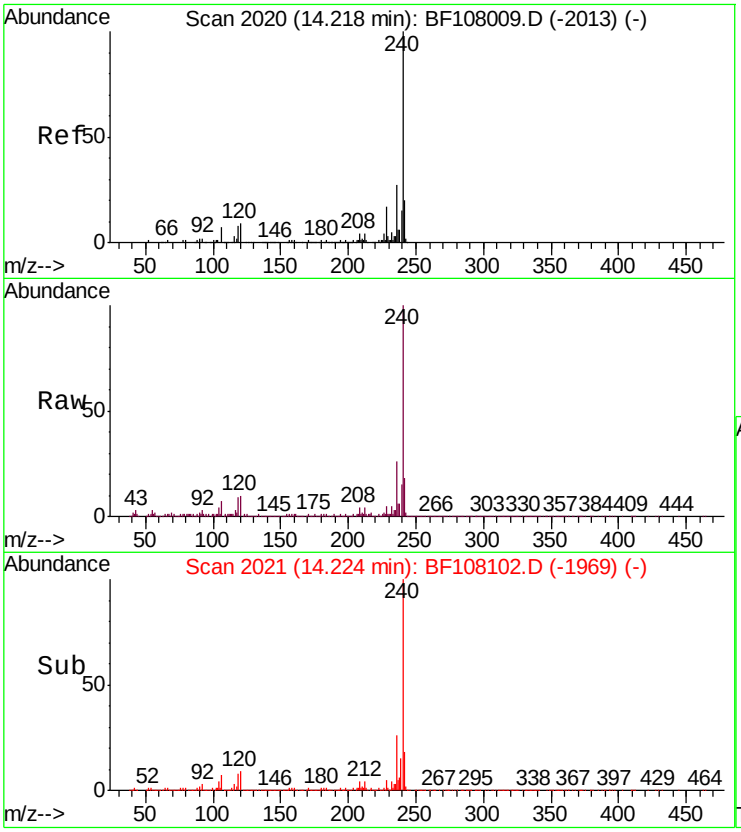


#74
Fluoranthene
Concen: 11.886 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion:202 Resp: 387942

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.1
203	18.0	0.0	38.1



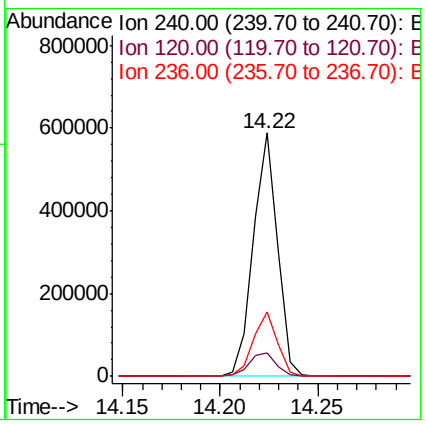


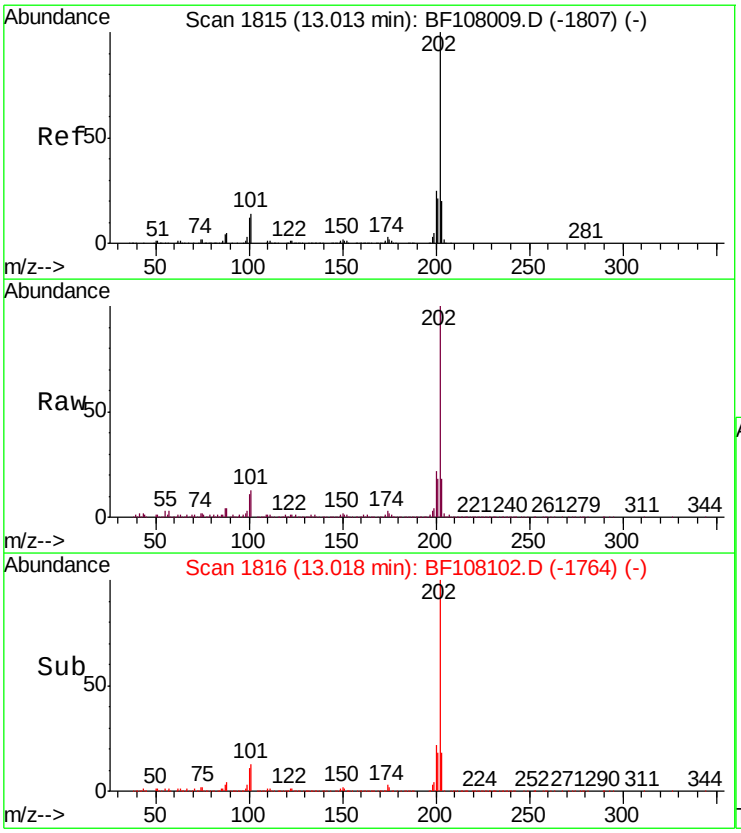
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:240 Resp: 503161

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	26.2	20.7	31.1

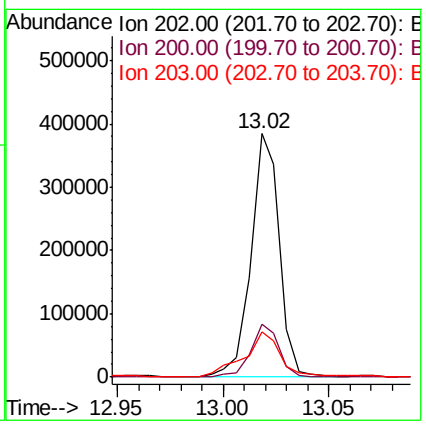


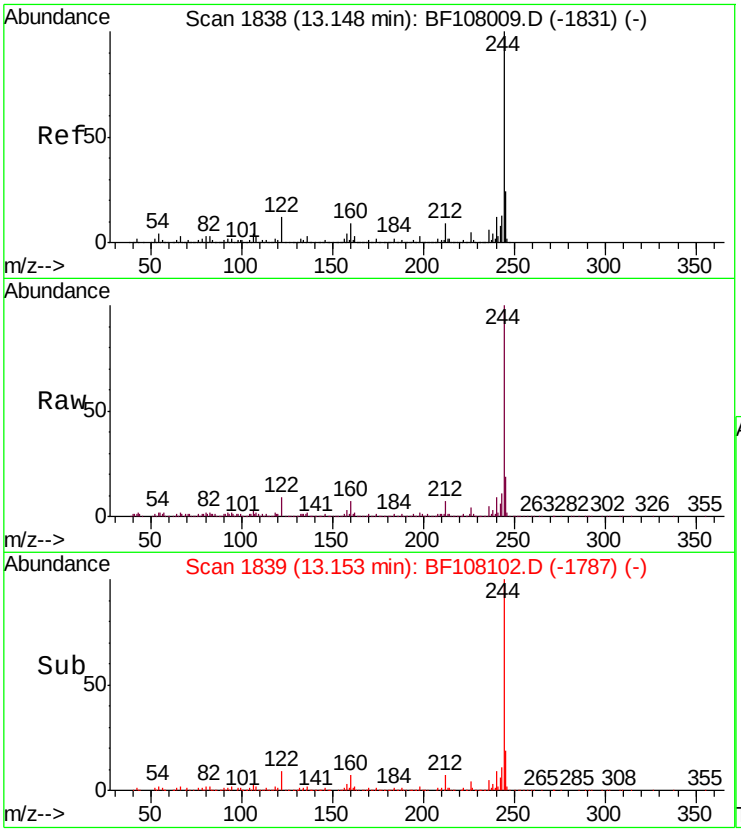


#77
Pyrene
Concen: 11.217 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion:202 Resp: 357331

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.4	14.3	21.5



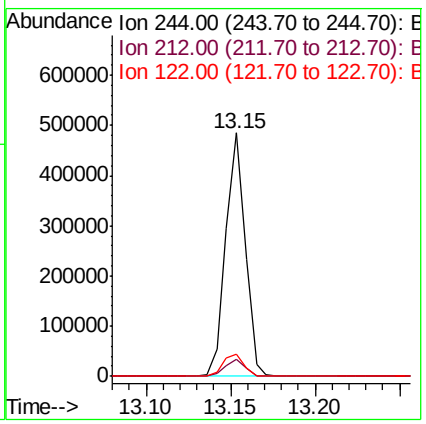


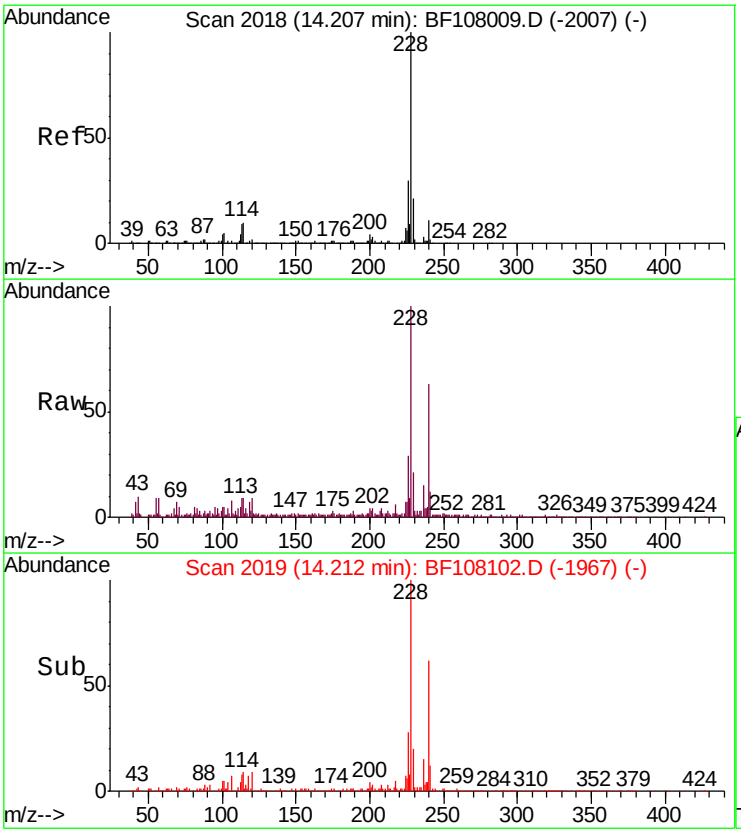
#78
Terphenyl-d14
Concen: 19.645 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:244 Resp: 388770

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.3	11.0	16.4#

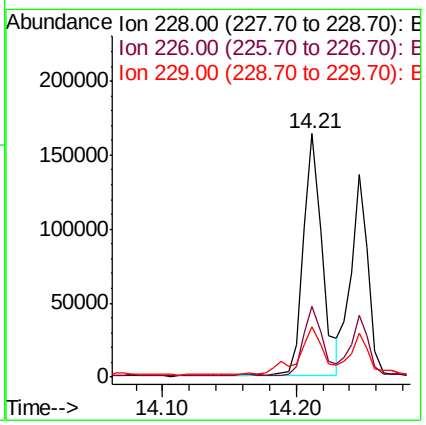


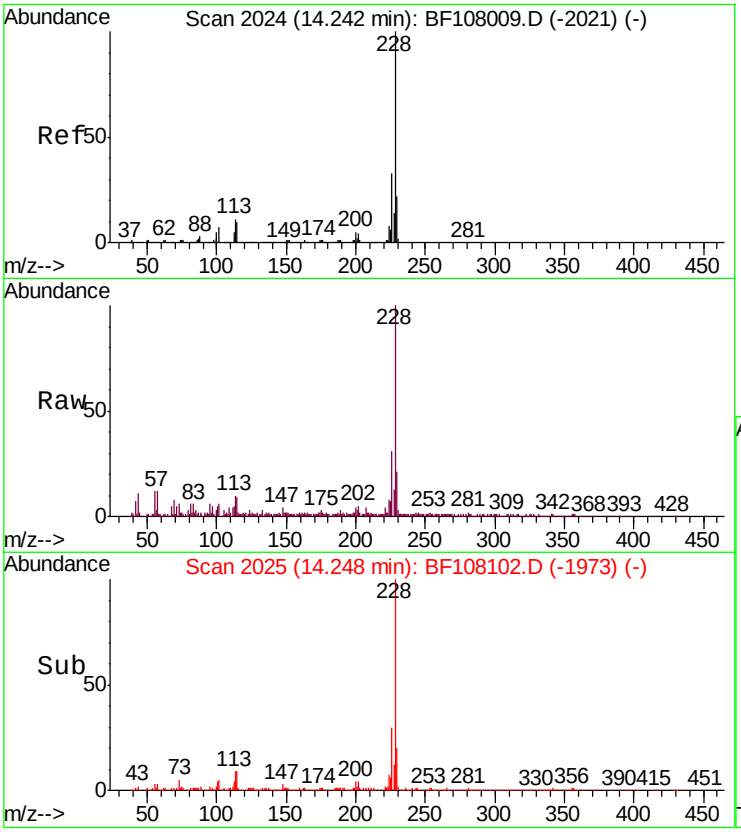


#80
Benzo(a)anthracene
Concen: 5.478 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion:228 Resp: 158191

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.5	15.8	23.6



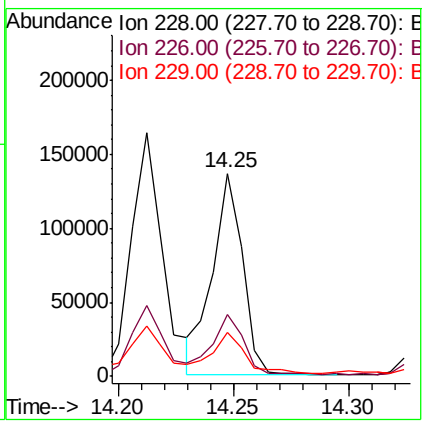


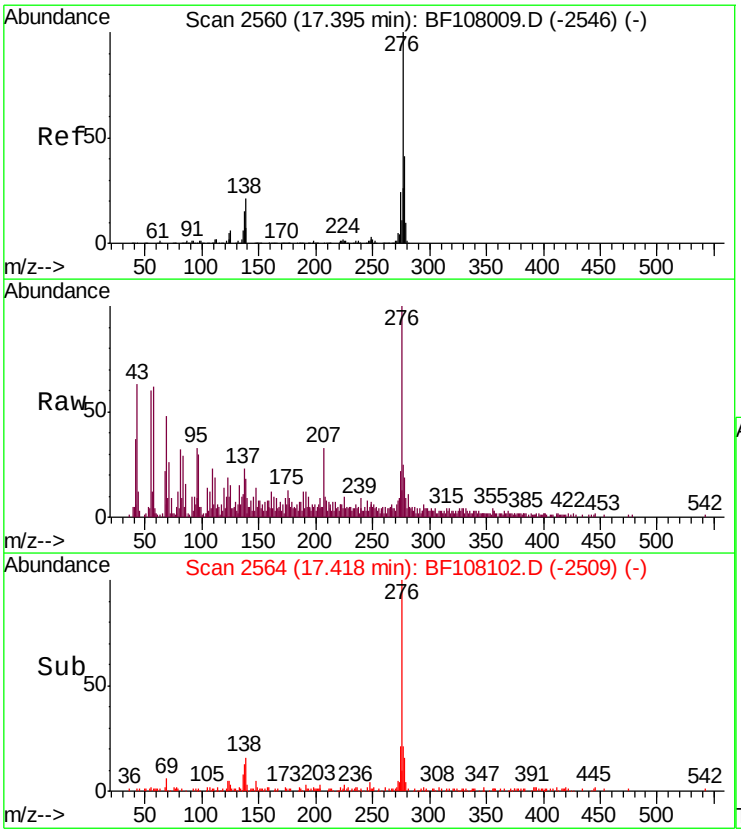
#82
Chrysene
Concen: 4.685 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:228 Resp: 124024

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.5	16.2	24.4

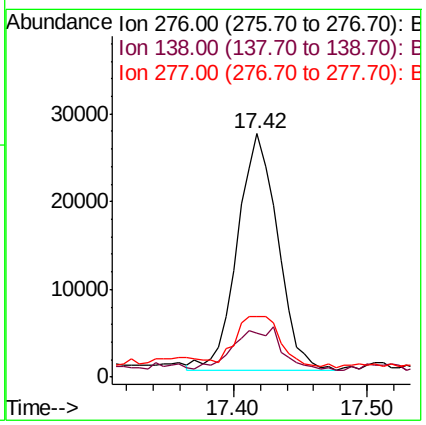


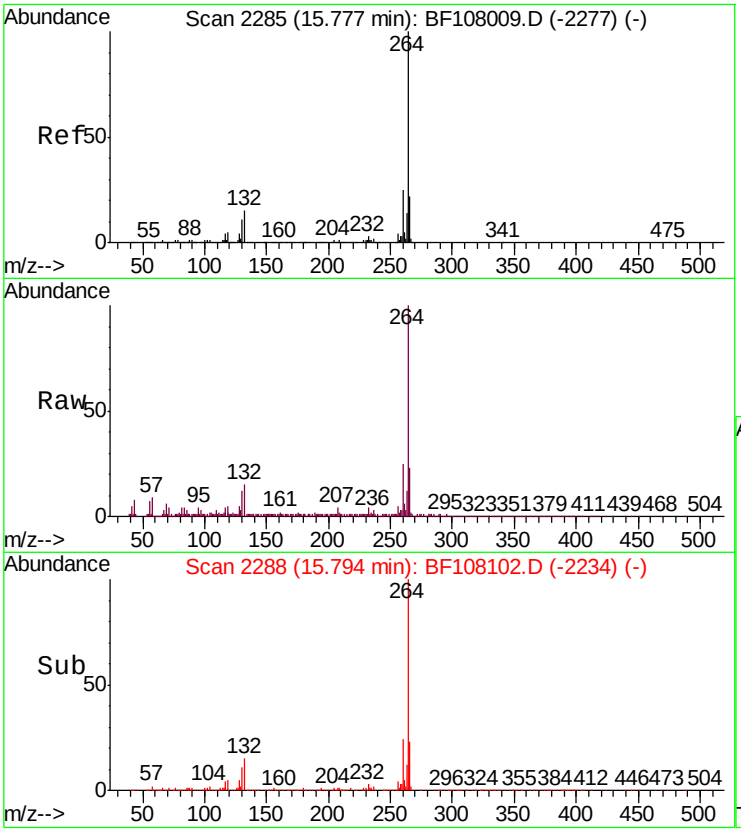


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.445 ng
RT: 17.42 min Scan# 2564
Delta R.T. 0.02 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion:276 Resp: 56075

Ion	Ratio	Lower	Upper
276	100		
138	21.9	25.0	37.6#
277	23.2	20.1	30.1



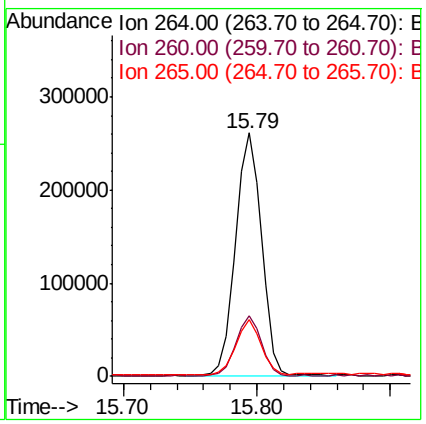


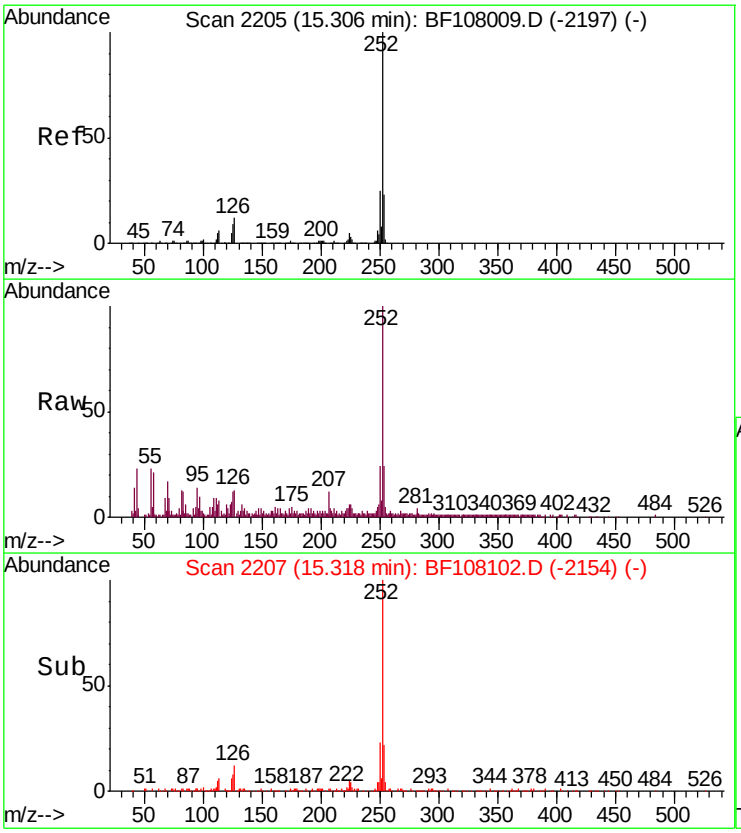
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:264 Resp: 350943

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.2	17.5	26.3

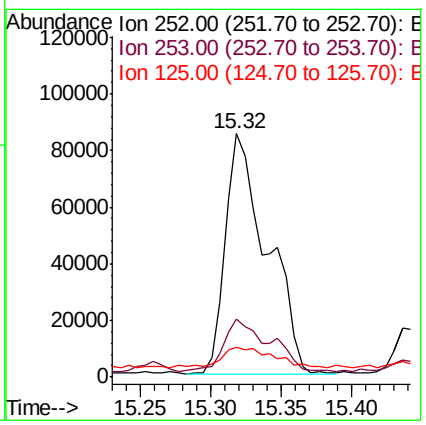


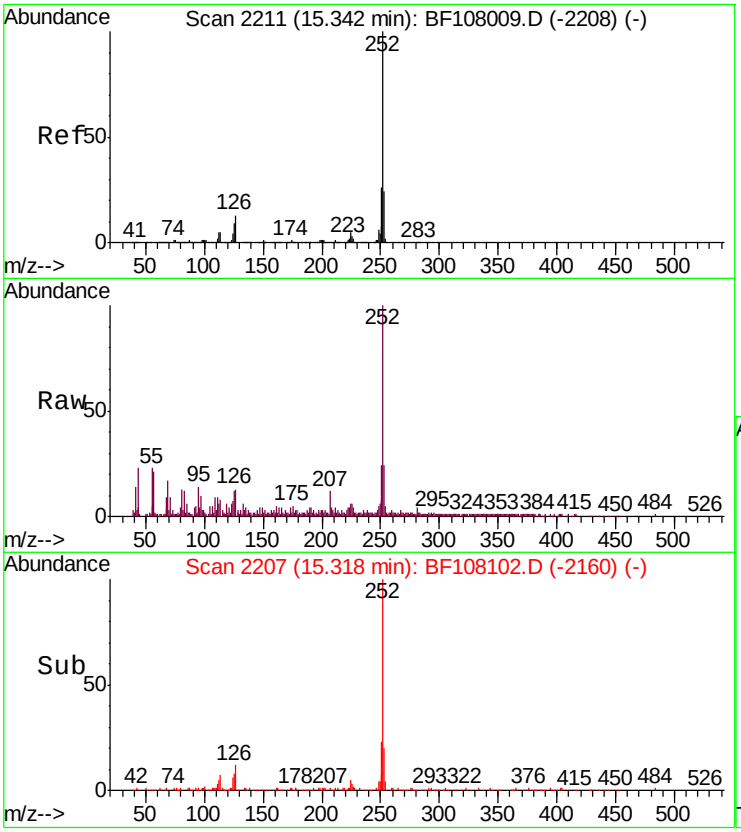


#87
Benzo(b)fluoranthene
Concen: 8.339 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion:252 Resp: 174876

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	12.3	9.0	13.6



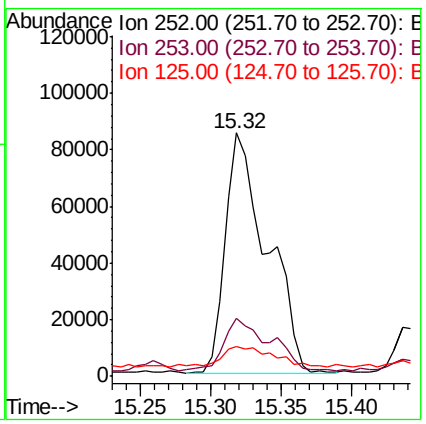


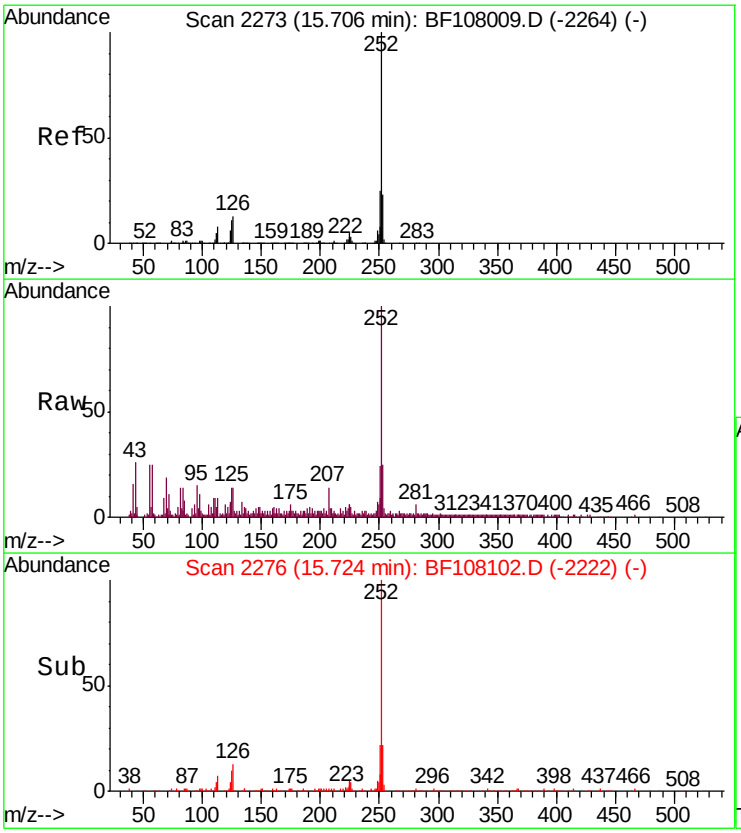
#88
Benzo(k)fluoranthene
Concen: 9.072 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:252 Resp: 174876

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	12.3	10.2	15.2

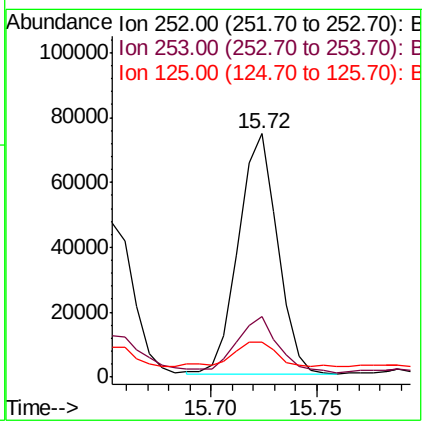


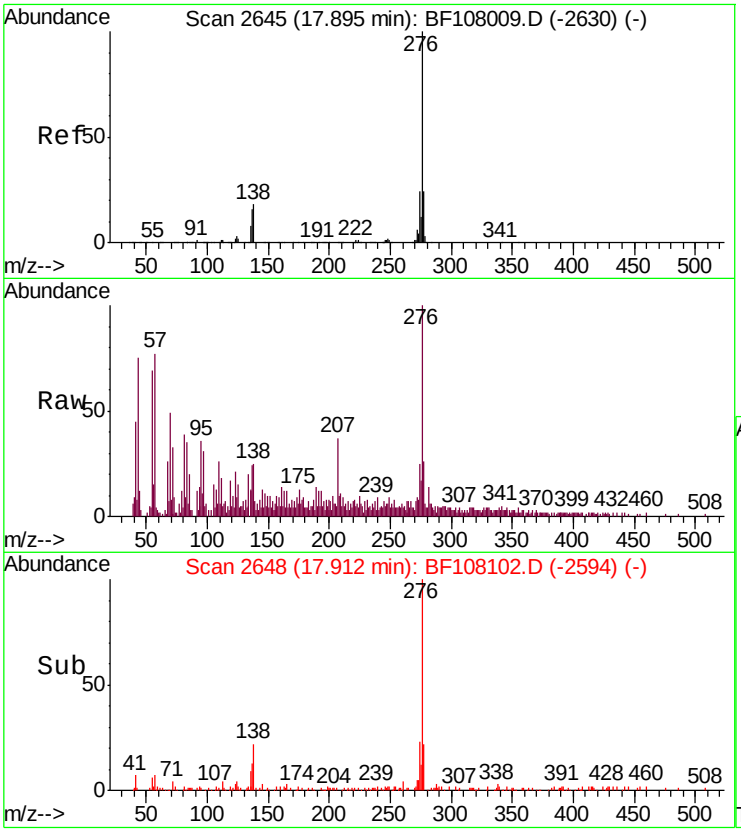


#89
Benzo(a)pyrene
Concen: 5.074 ng
RT: 15.72 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Tgt Ion:252 Resp: 95289

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	14.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.664 ng
RT: 17.91 min Scan# 2648
Delta R.T. 0.02 min
Lab File: BF108102.D
Acq: 10 Aug 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-B

Tgt Ion:276 Resp: 56057

Ion	Ratio	Lower	Upper
276	100		
277	26.3	17.9	26.9
138	24.8	21.8	32.8