Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108512.D
Acq On : 27 Aug 2018 16:01
Operator : JU/SJ
Sample : J4646-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 27 16:41:22 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 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	116005	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	461374	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	229374	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	394201	20.00	ng	0.00
75) Chrysene-d12	14.19	240	299566	20.00	ng	0.00
86) Perylene-d12	15.75	264	280809	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	298584	46.60	ng	-0.01
7) Phenol-d6	6.62	99	412421	48.44	ng	-0.01
23) Nitrobenzene-d5	7.56	82	265747	32.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	104017	45.46	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	529362	37.05	ng	-0.01
78) Terphenyl-d14	13.12	244	416302	35.33	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	35112	6.098	ng	# 83
25) Isophorone	7.56	82	265745	16.863	ng	# 64
49) Dimethylphthalate	9.75	163	70525	4.414	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	28633	8.565	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	28633	6.654	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	116	5.428	ng	# 1
74) Fluoranthene	12.76	202	59492	2.932	ng	94
77) Pyrene	12.99	202	52346	2.760	ng	99
87) Benzo(b)fluoranthene	15.28	252	45928	2.737	ng	96
88) Benzo(k)fluoranthene	15.28	252	45928	2.978	ng	98

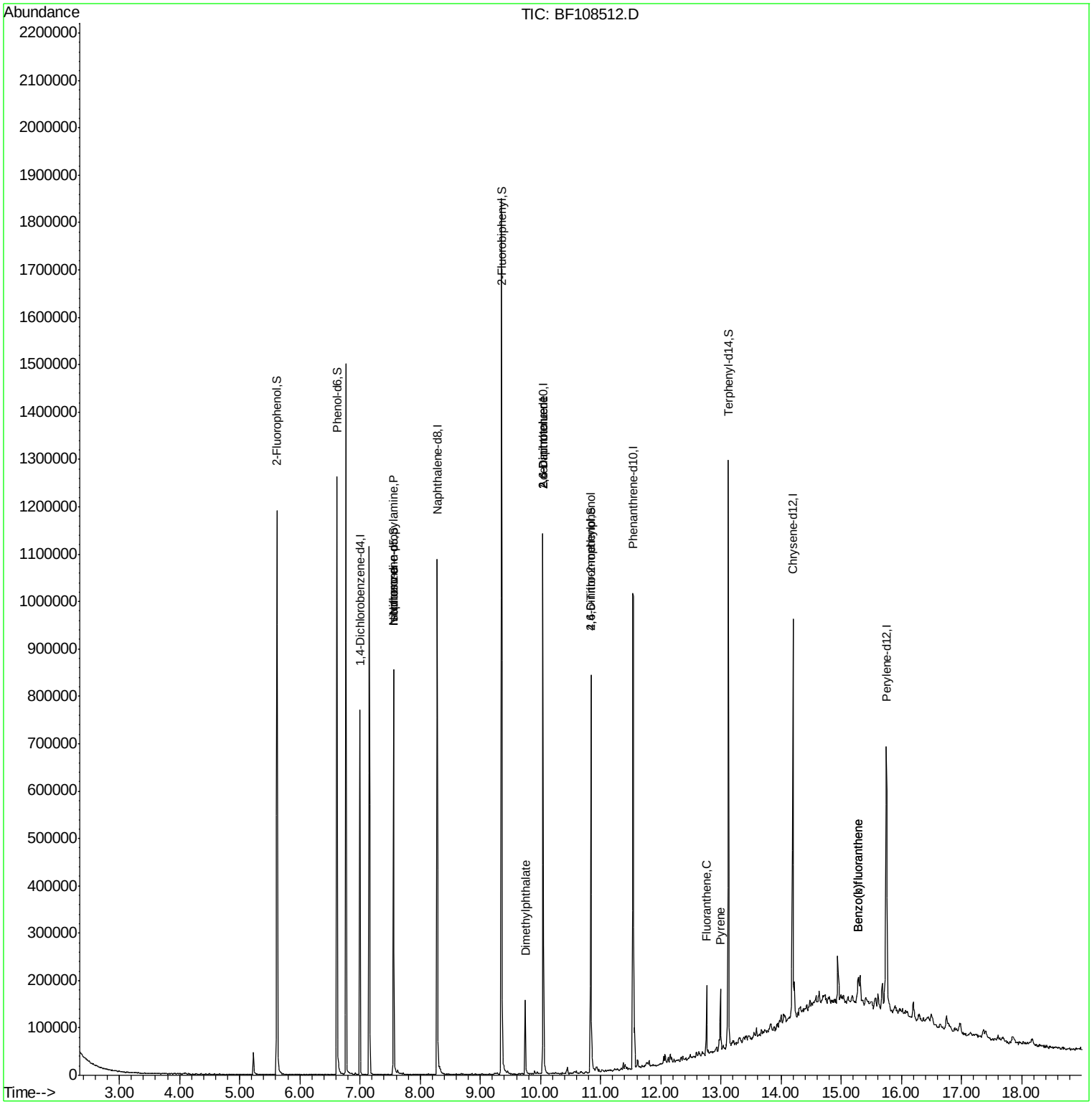
(#) = qualifier out of range (m) = manual integration (+) = signals summed

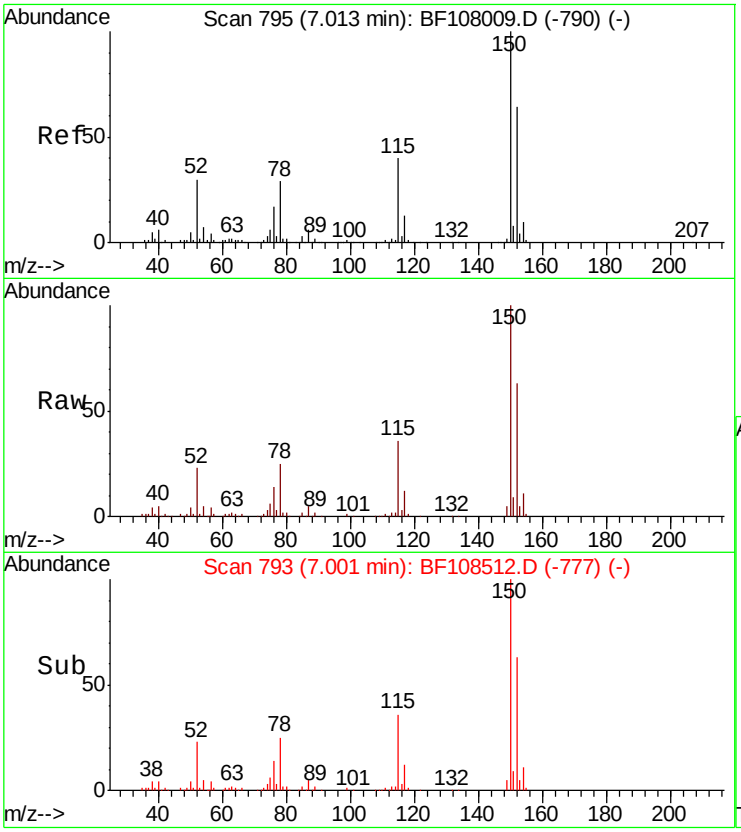
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108512.D
Acq On : 27 Aug 2018 16:01
Operator : JU/SJ
Sample : J4646-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 27 16:41:22 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 22 11:01:45 2018
Response via : Initial Calibration



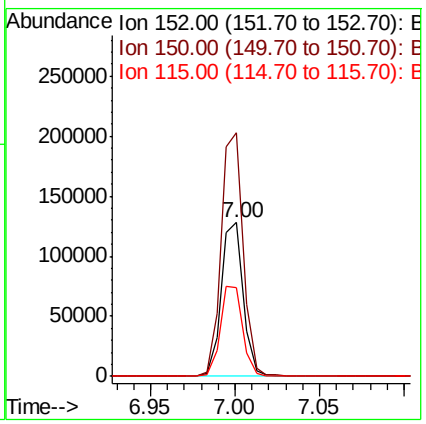


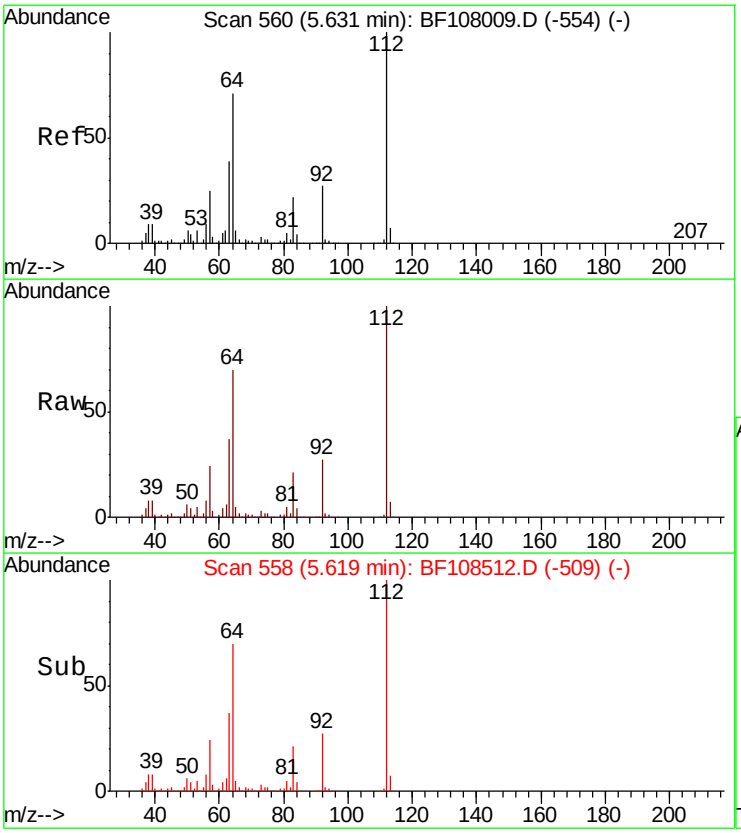
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116005

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	57.5	50.1	75.1

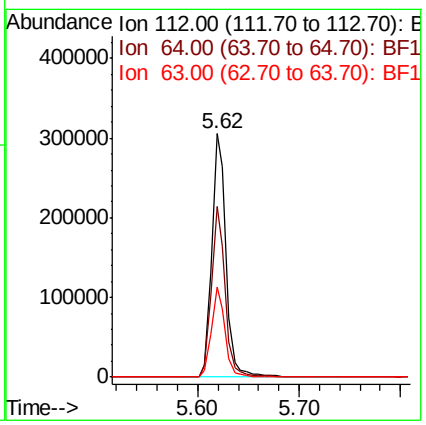


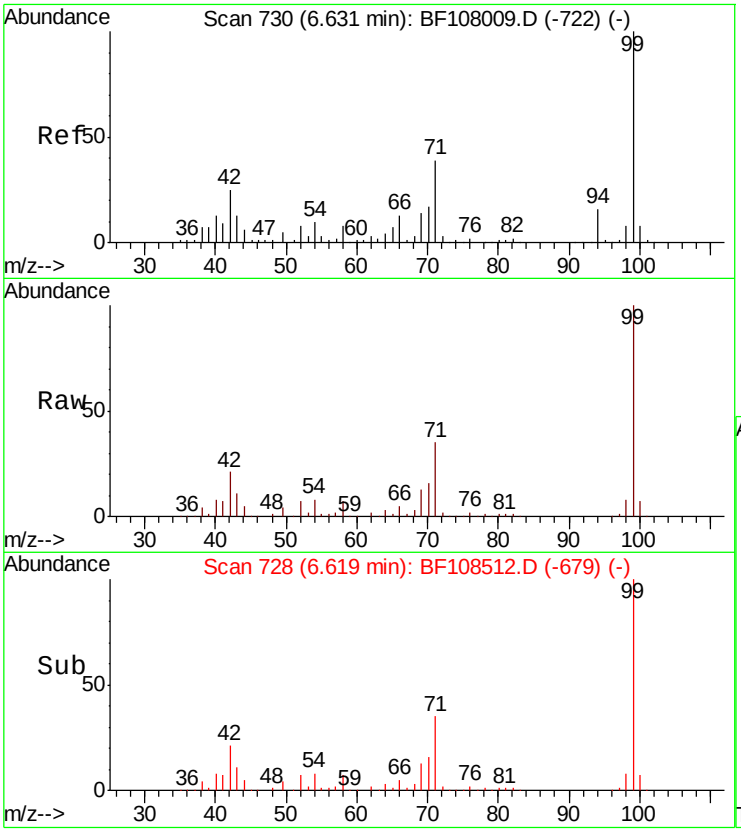


#5
2-Fluorophenol
Concen: 46.599 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion:112 Resp: 298584

Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	36.9	23.7	35.5#



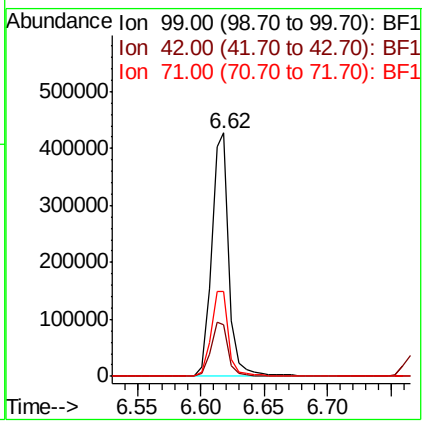


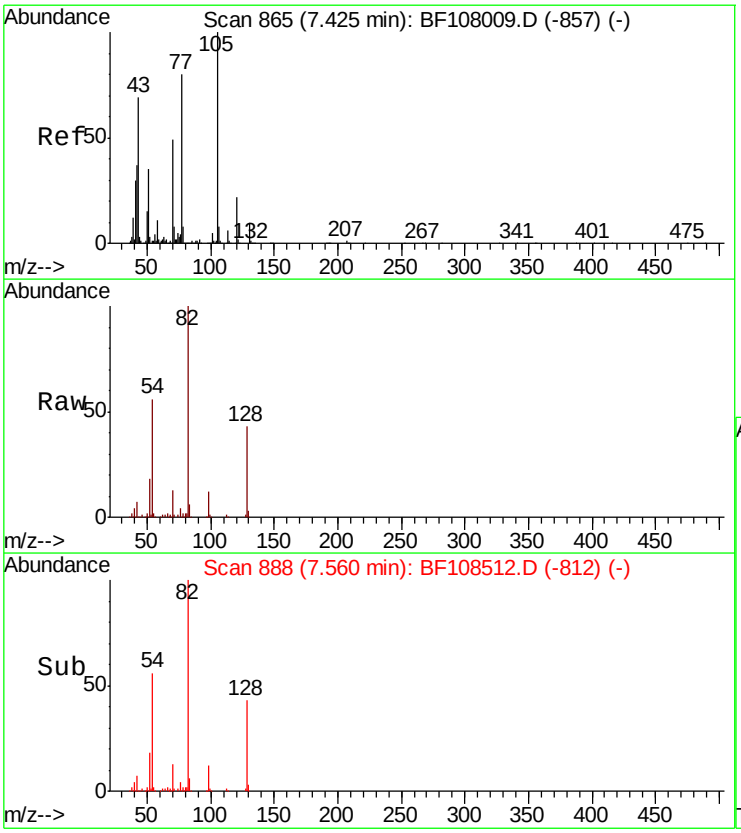
#7
Phenol-d6
Concen: 48.436 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 412421

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	34.8	25.4	38.0

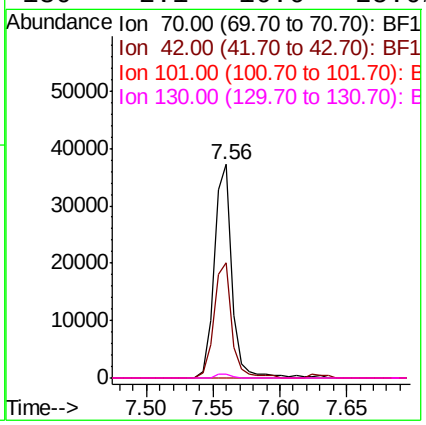


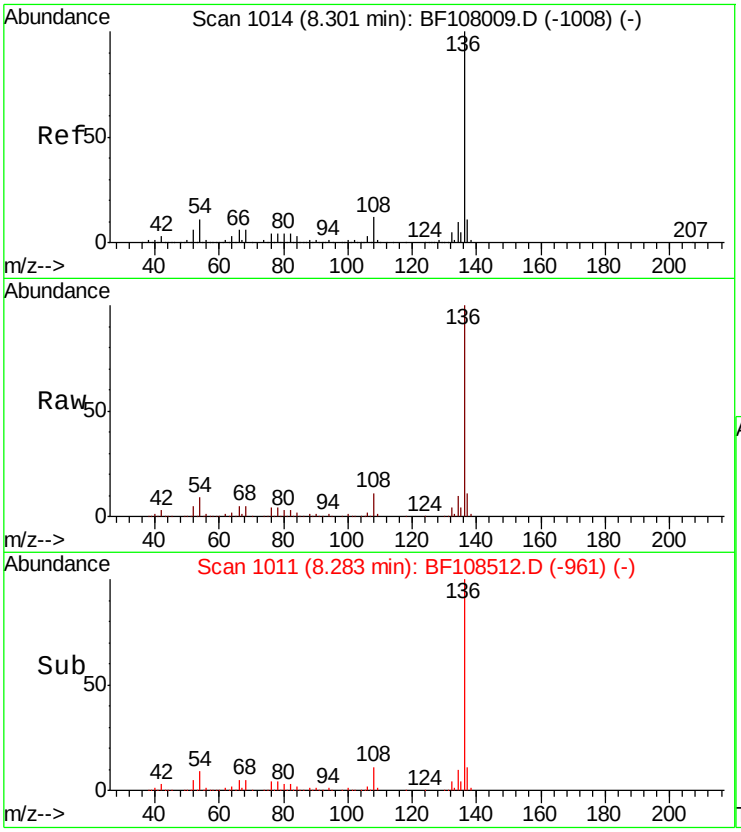


#19
n-Nitroso-di-n-propylamine
Concen: 6.098 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion: 70 Resp: 35112

Ion	Ratio	Lower	Upper
70	100		
42	54.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



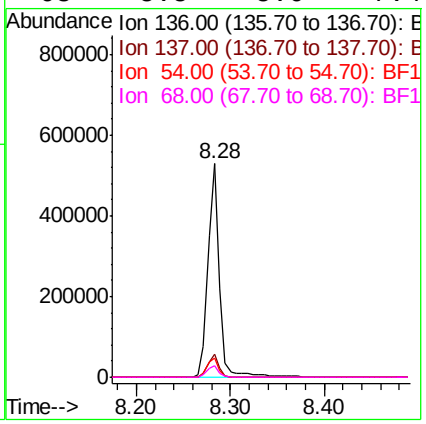


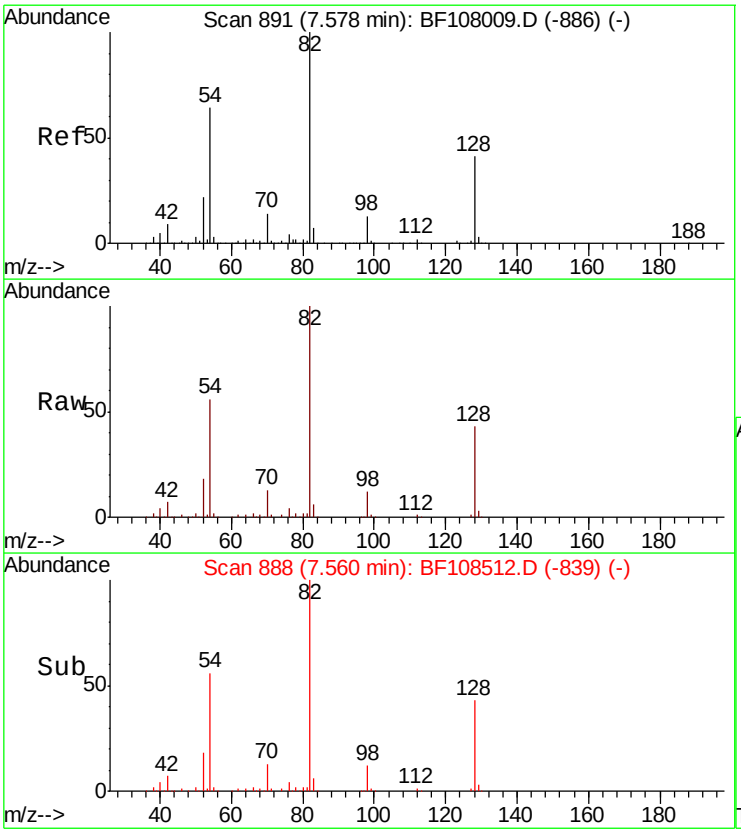
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 461374

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.2	6.6	9.8
68	5.5	5.0	7.4

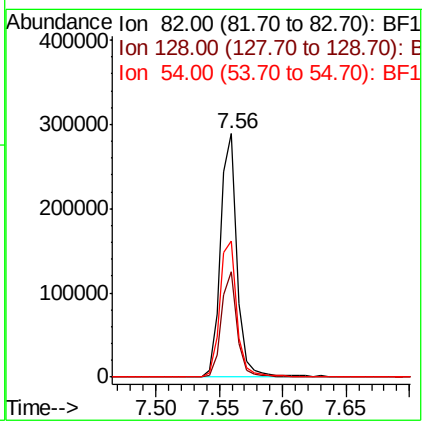


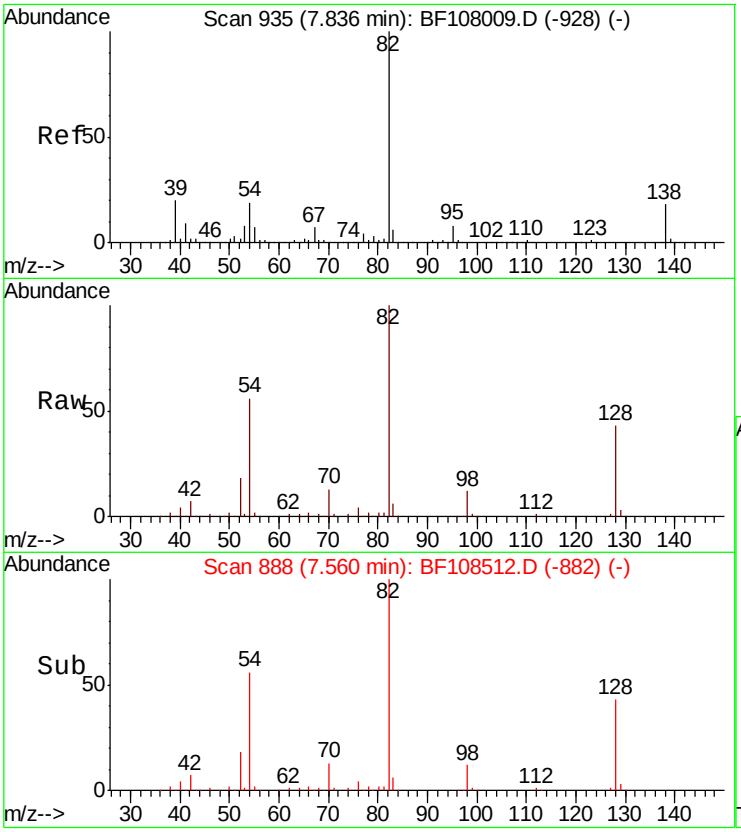


#23
Nitrobenzene-d5
Concen: 32.141 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion: 82 Resp: 265747

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	55.9	41.4	62.2



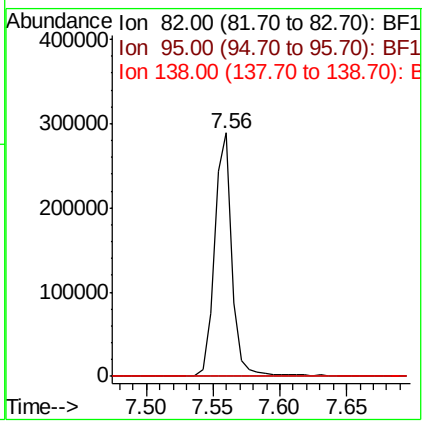


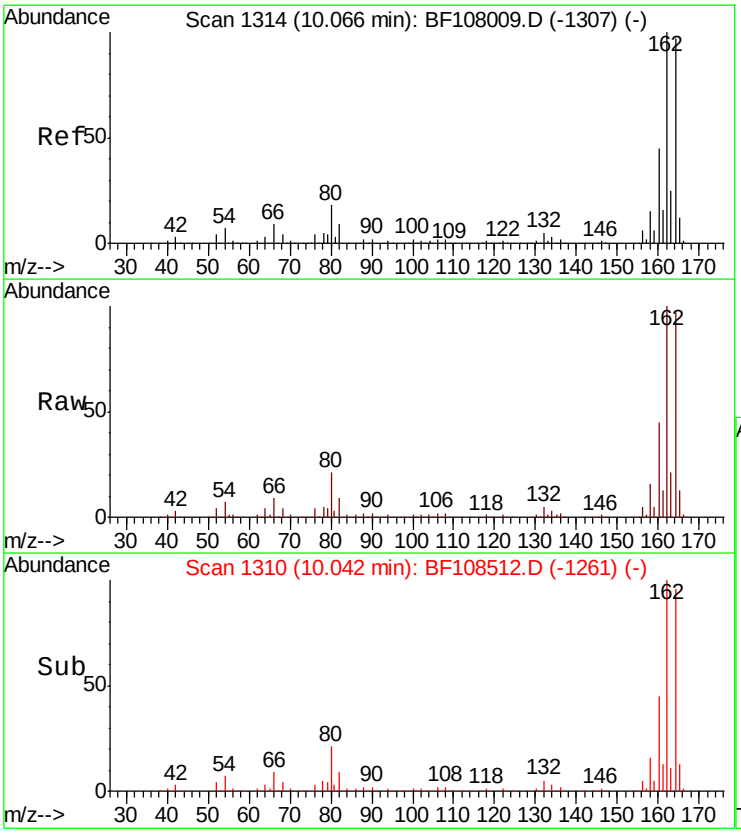
#25
Isophorone
Concen: 16.863 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.27 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 265745

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

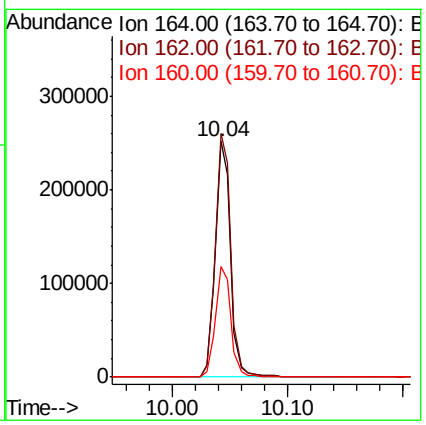


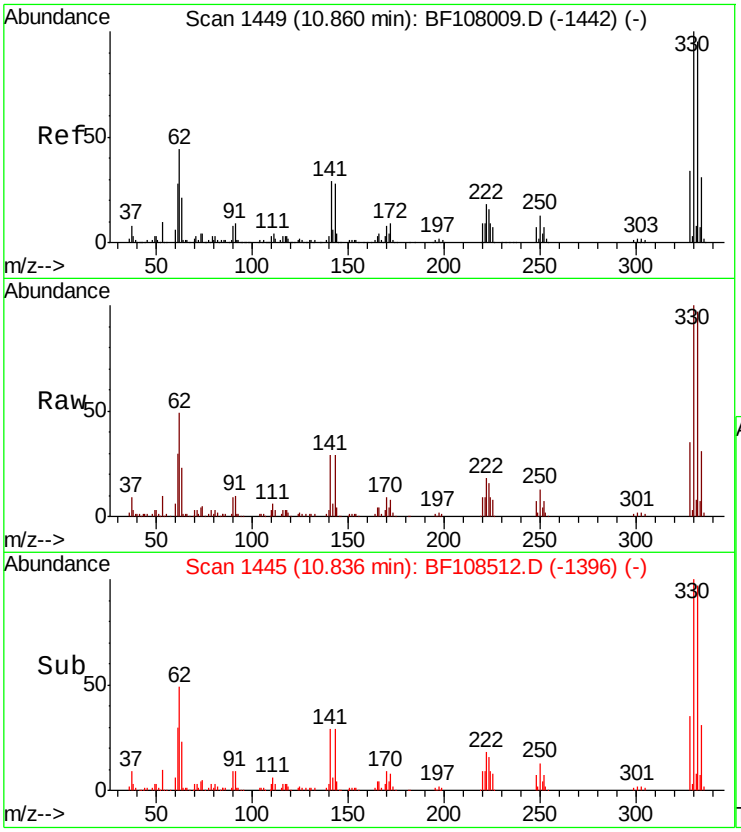


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion:164 Resp: 229374

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.8	38.3	57.5



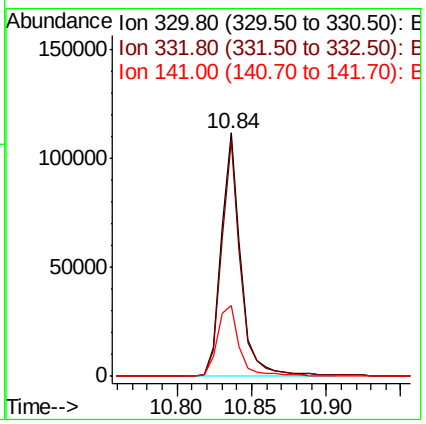


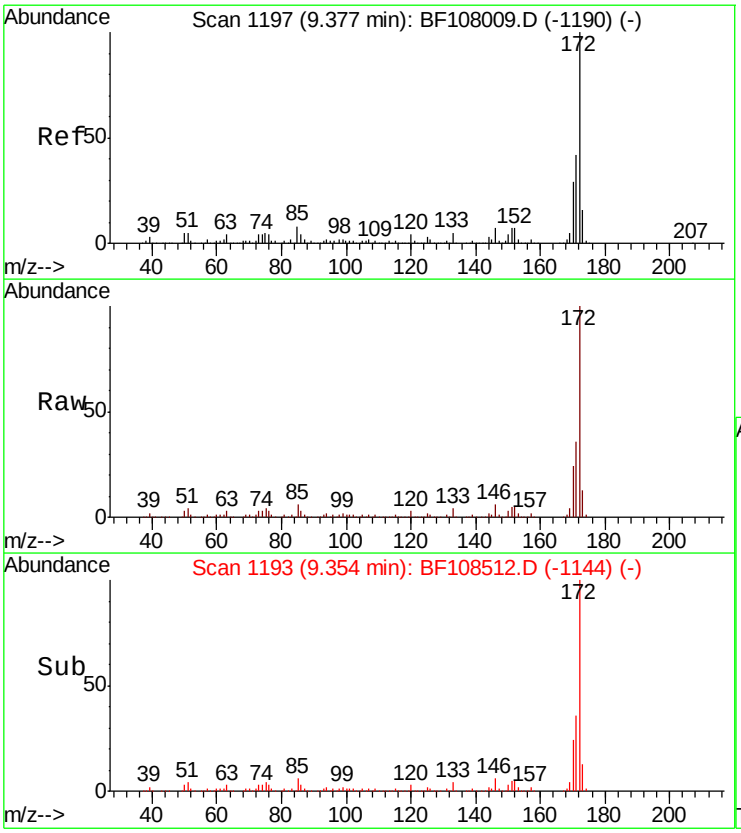
#41
2,4,6-Tribromophenol
Concen: 45.463 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 104017

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.7	29.9	44.9

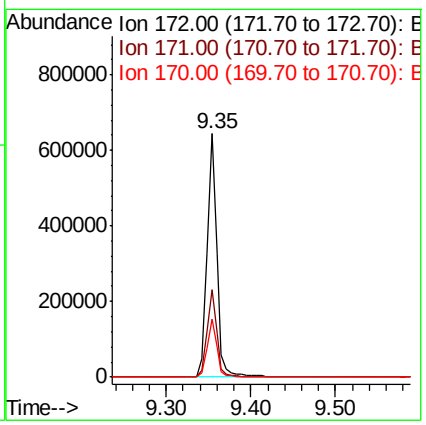


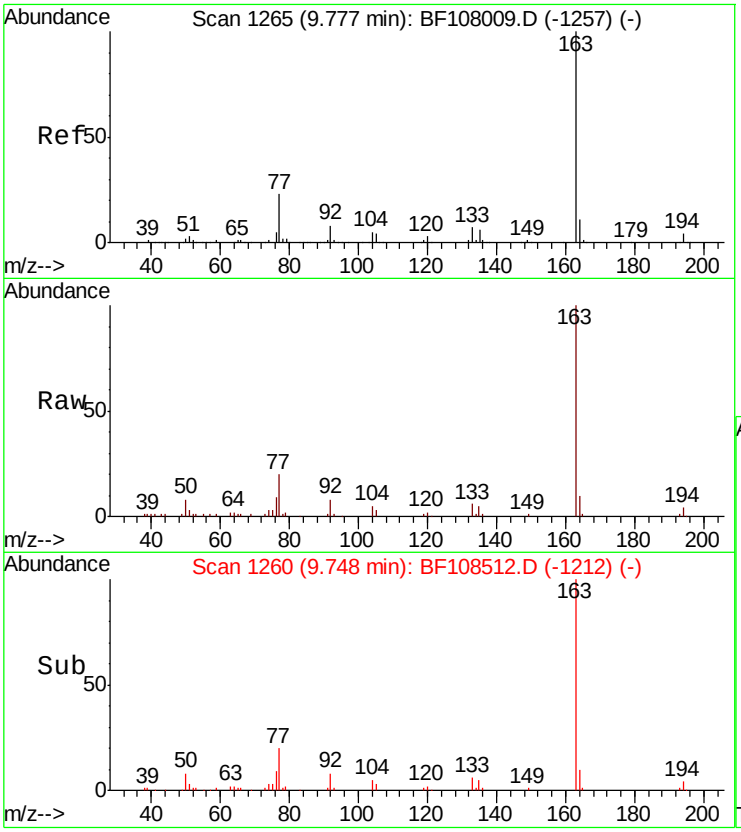


#44
2-Fluorobiphenyl
Concen: 37.052 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion:172 Resp: 529362

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4



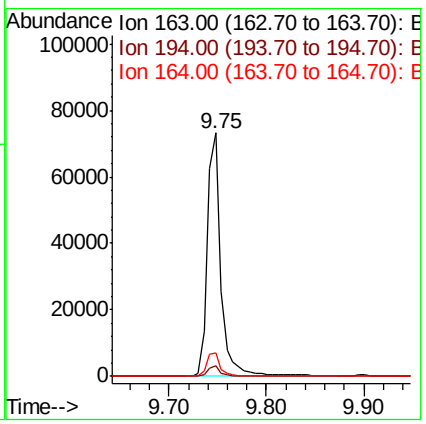


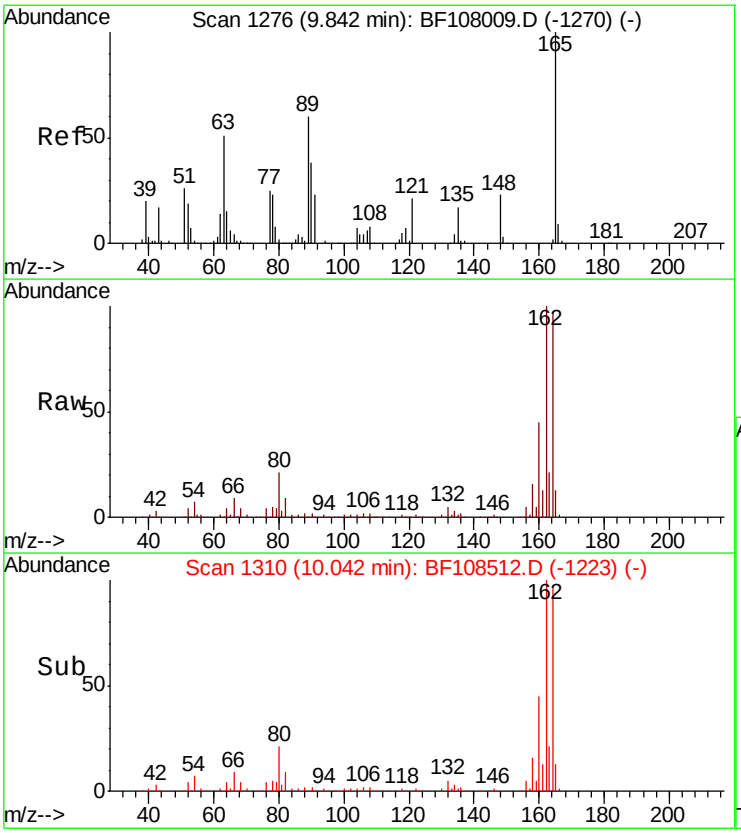
#49
Dimethylphthalate
Concen: 4.414 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 70525

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	9.7	8.2	12.2

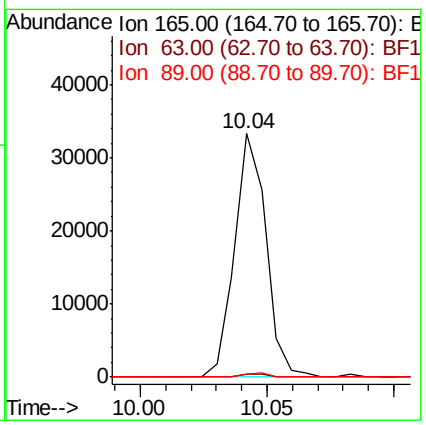


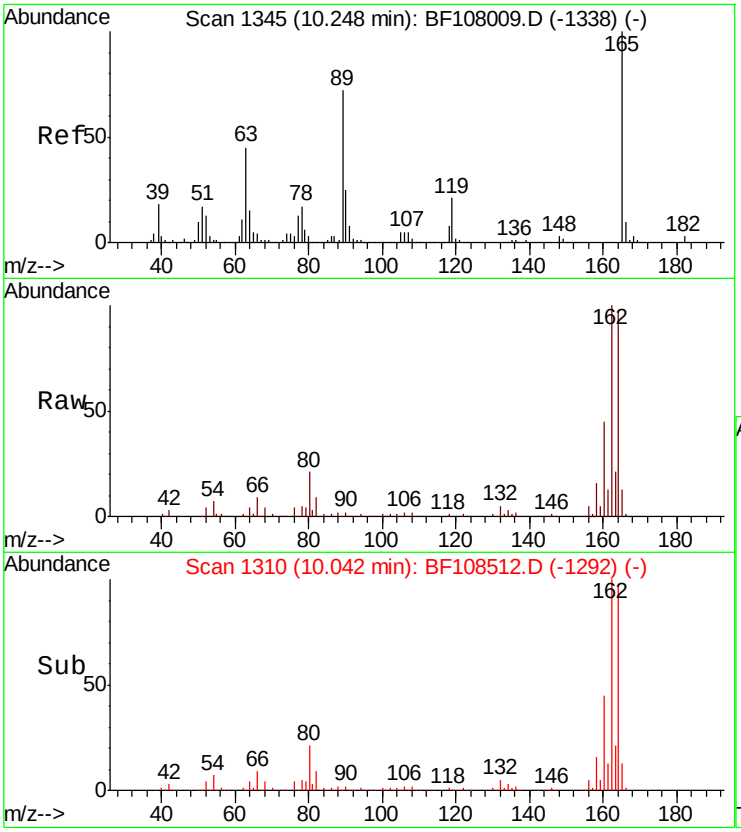


#50
2,6-Dinitrotoluene
Concen: 8.565 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion:165 Resp: 28633

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.3	44.0	66.0#



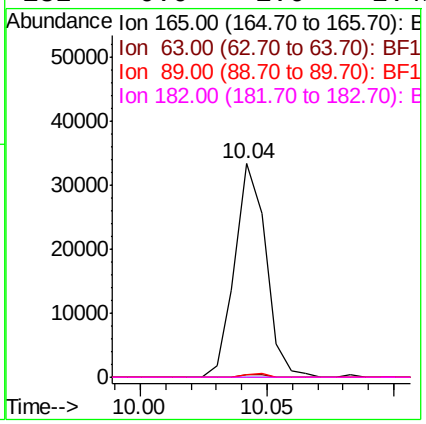


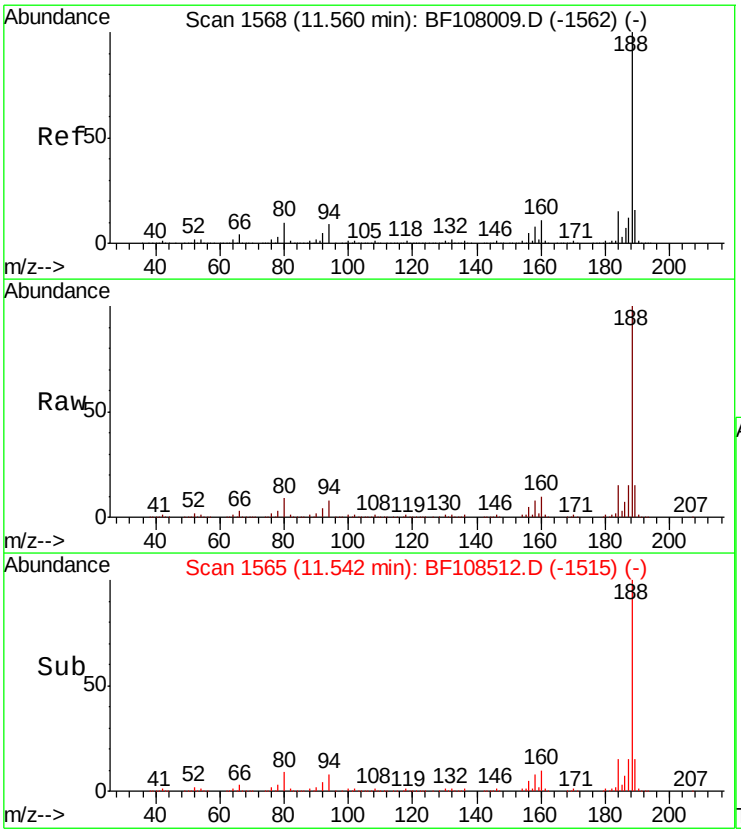
#56
2,4-Dinitrotoluene
Concen: 6.654 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28633

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

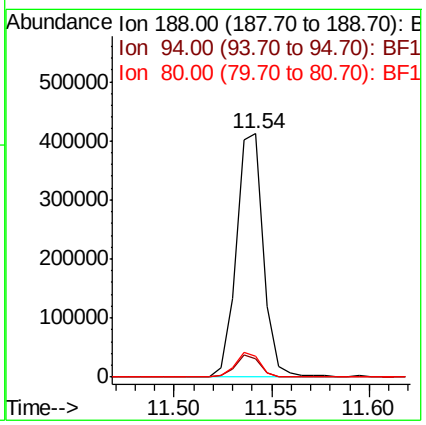


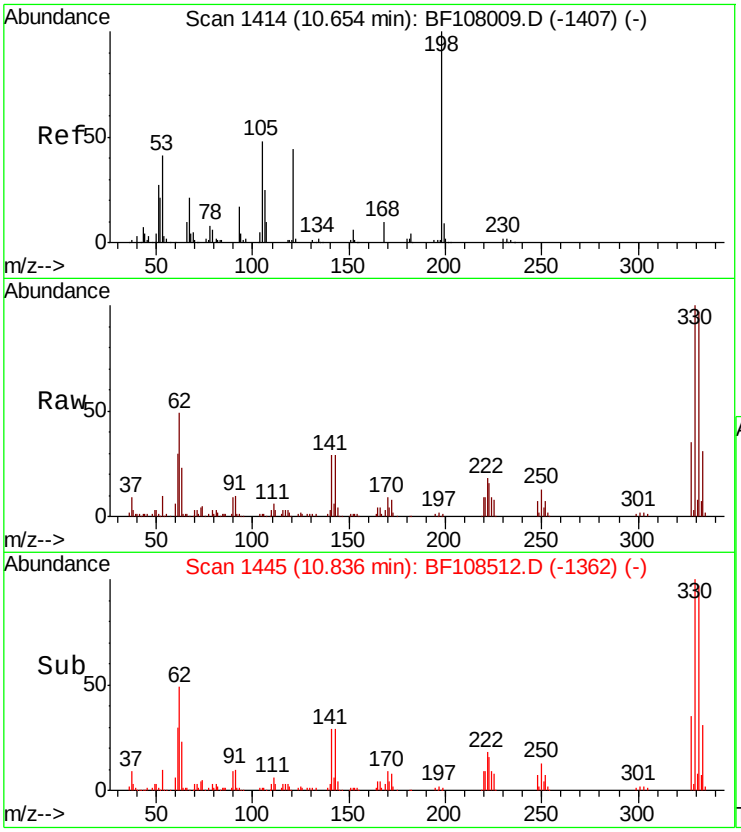


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion:188 Resp: 394201

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.6	9.2	13.8#



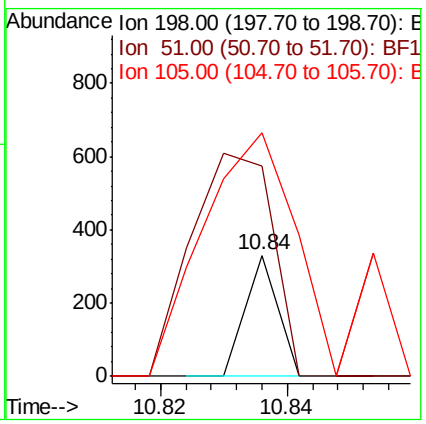


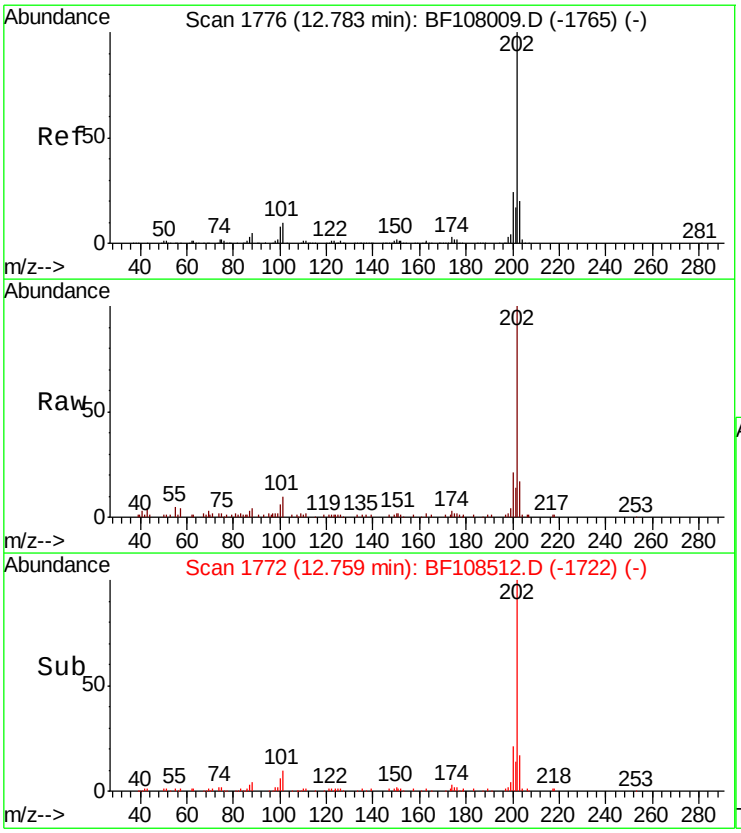
#64
4,6-Dinitro-2-methylphenol
Concen: 5.428 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 116

Ion	Ratio	Lower	Upper
198	100		
51	174.2	37.7	77.7#
105	201.5	36.3	76.3#

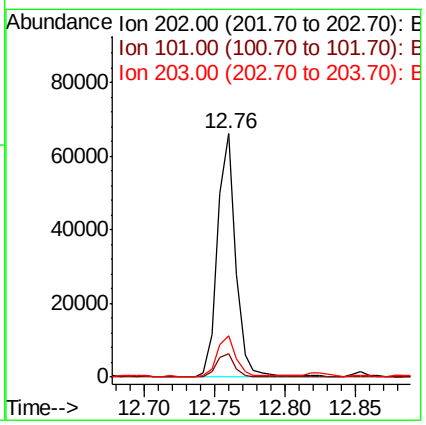


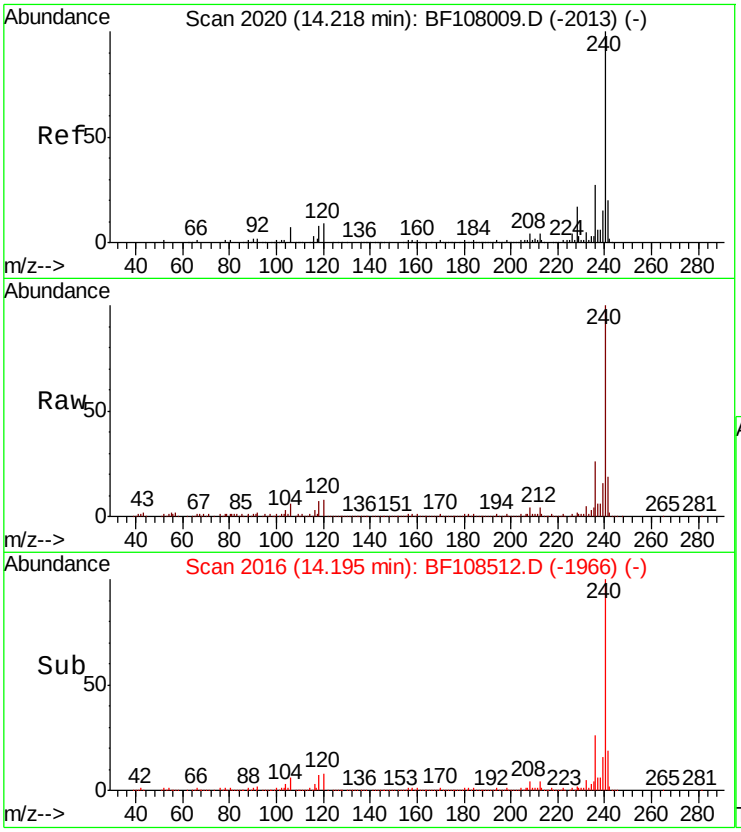


#74
Fluoranthene
Concen: 2.932 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion:202 Resp: 59492

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	17.0	0.0	38.1



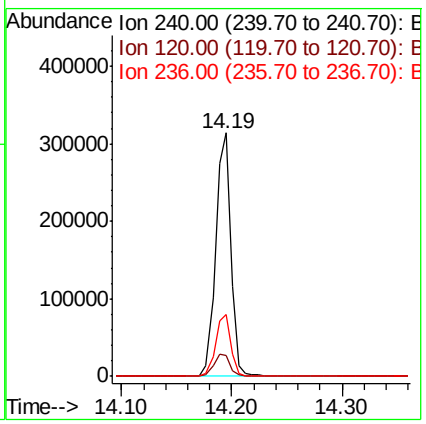


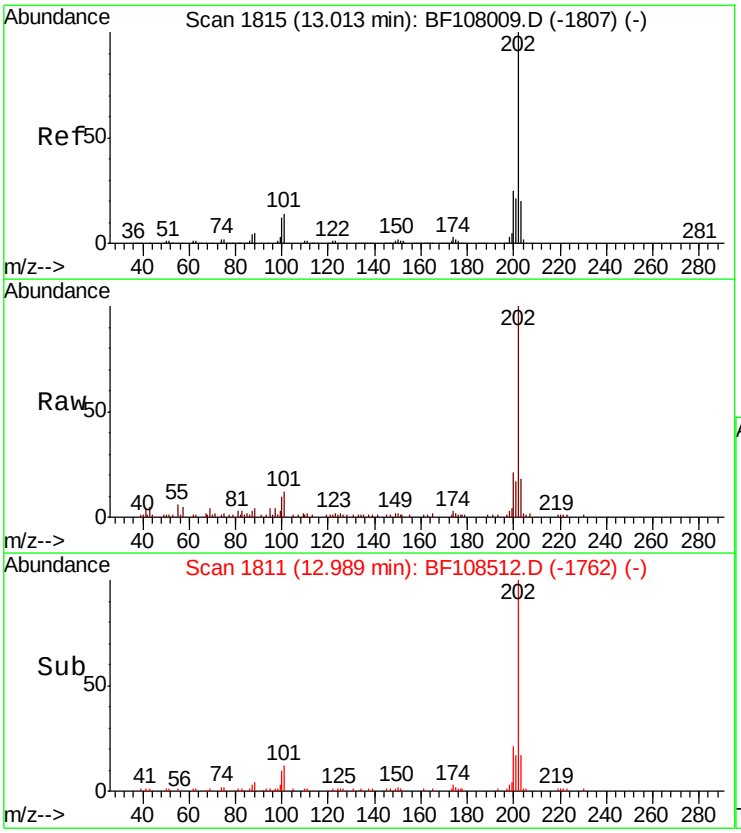
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 299566

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.7	20.7	31.1

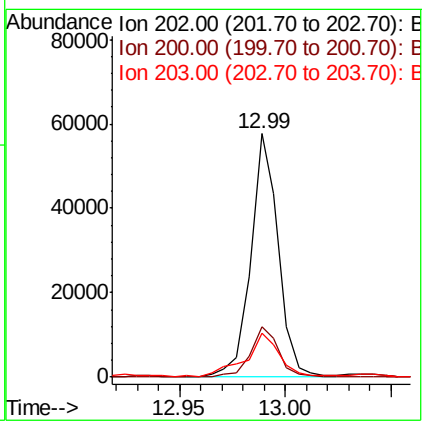


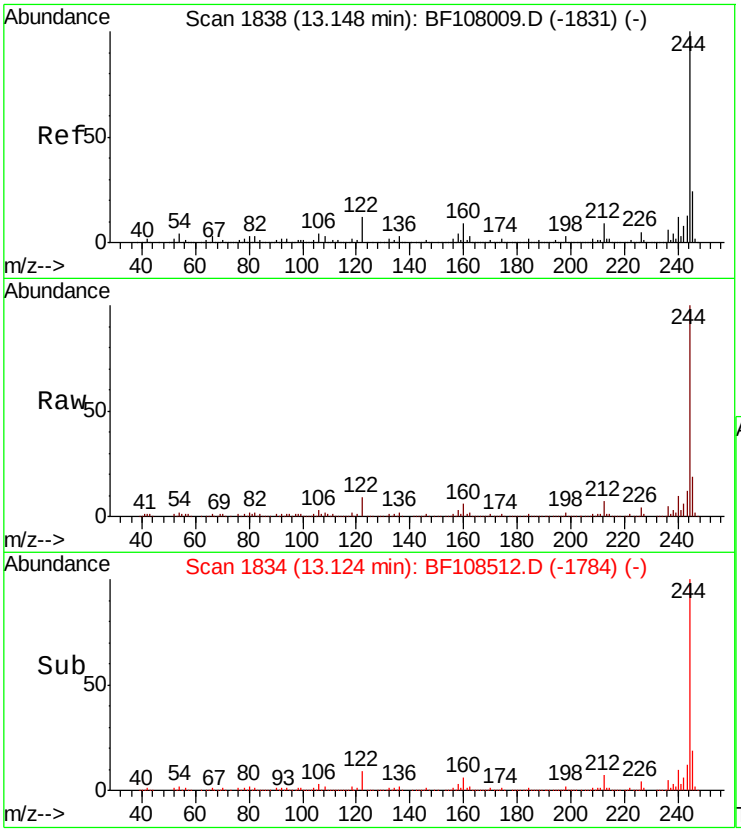


#77
Pyrene
Concen: 2.760 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion:202 Resp: 52346

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.8	14.3	21.5



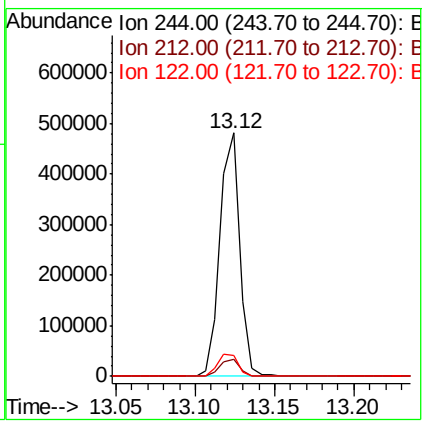


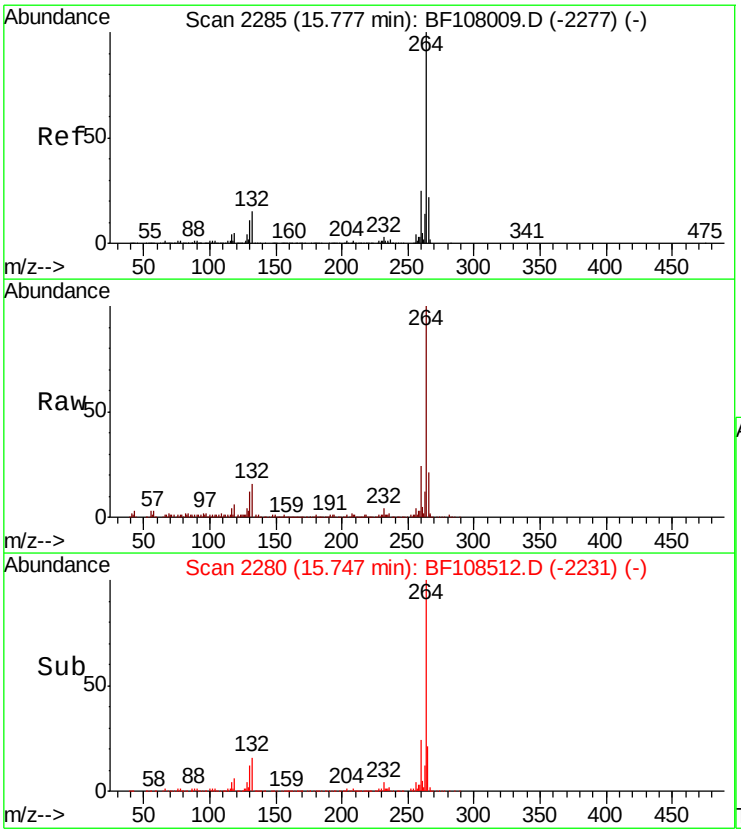
#78
Terphenyl-d14
Concen: 35.334 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 416302

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	8.6	11.0	16.4#

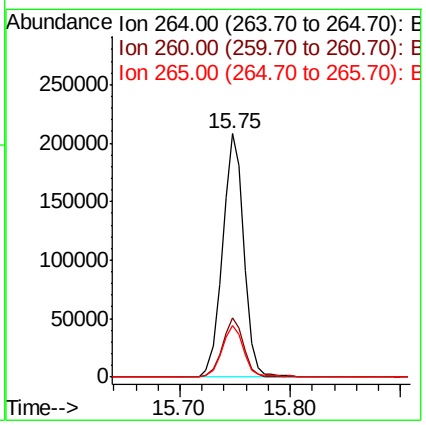


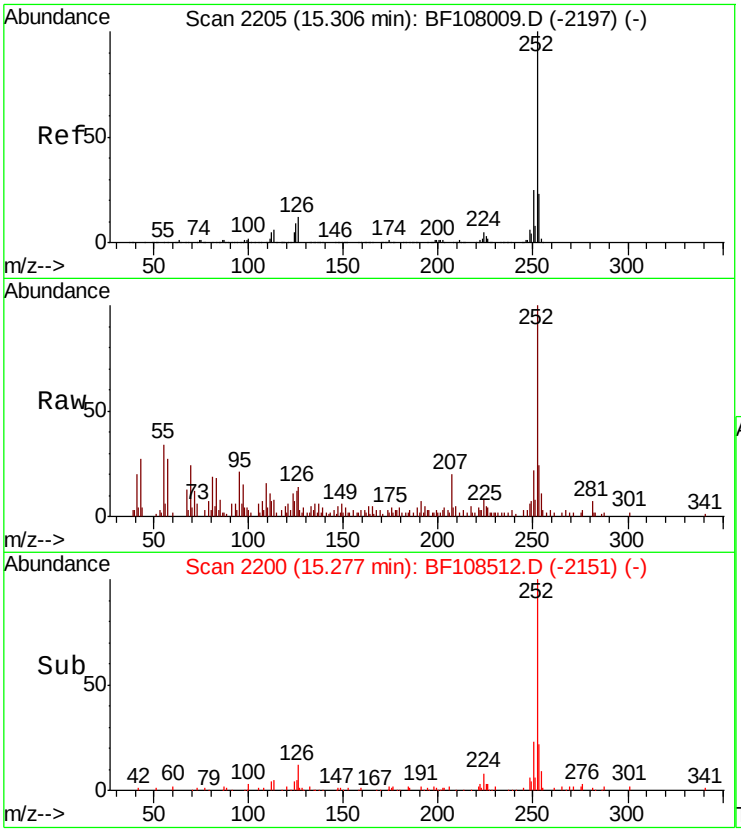


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion:264 Resp: 280809

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	17.5	26.3



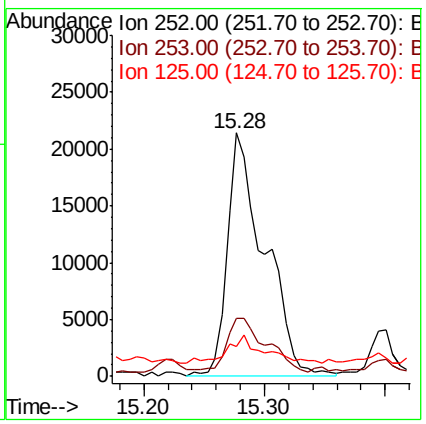


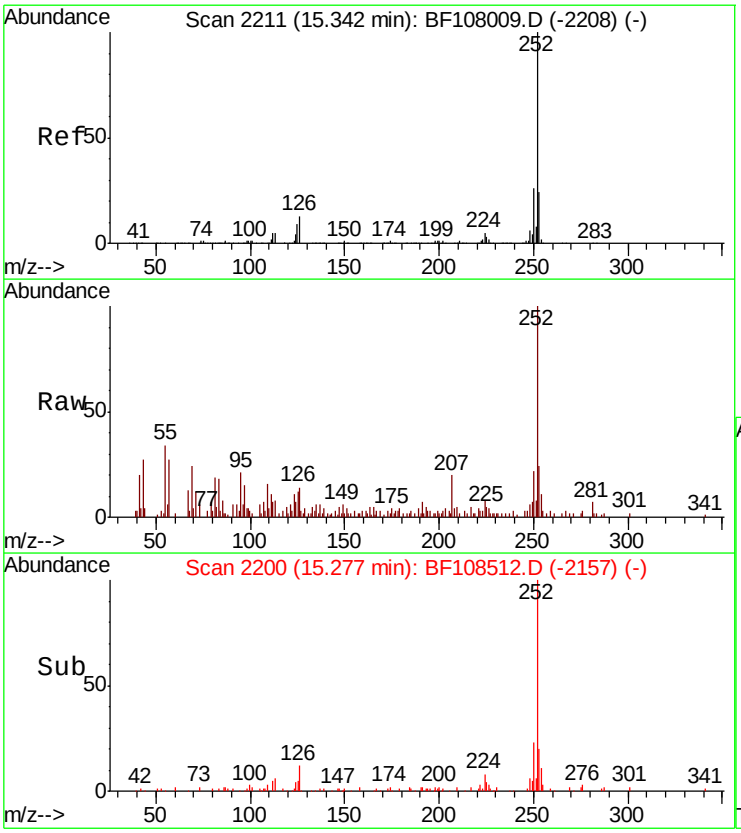
#87
Benzo(b)fluoranthene
Concen: 2.737 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 45928

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	12.3	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 2.978 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.05 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion:252 Resp: 45928

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	12.3	10.2	15.2