Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
Data File : BF108562.D
Acq On : 28 Aug 2018 18:18
Operator : JU/SJ
Sample : J4277-09 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 29 01:34:03 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	112119	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	435459	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	196382	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	326926	20.00	ng	0.00
75) Chrysene-d12	14.19	240	284043	20.00	ng	0.00
86) Perylene-d12	15.75	264	229275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	37310	6.02	ng	0.02
7) Phenol-d6	6.64	99	65420	7.95	ng	0.01
23) Nitrobenzene-d5	7.57	82	41643	5.34	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	13175	6.73	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	87903	7.19	ng	-0.01
78) Terphenyl-d14	13.12	244	71168	6.37	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.57	82	41643	2.800	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	25357	8.860	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	25357	6.883	ng	# 23
74) Fluoranthene	12.76	202	50391	2.994	ng	95
77) Pyrene	13.00	202	52142	2.900	ng	98
87) Benzo(b)fluoranthene	15.28	252	43457	3.172	ng	# 90
88) Benzo(k)fluoranthene	15.28	252	43457	3.451	ng	93

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

Quantitation Report (Not Reviewed)

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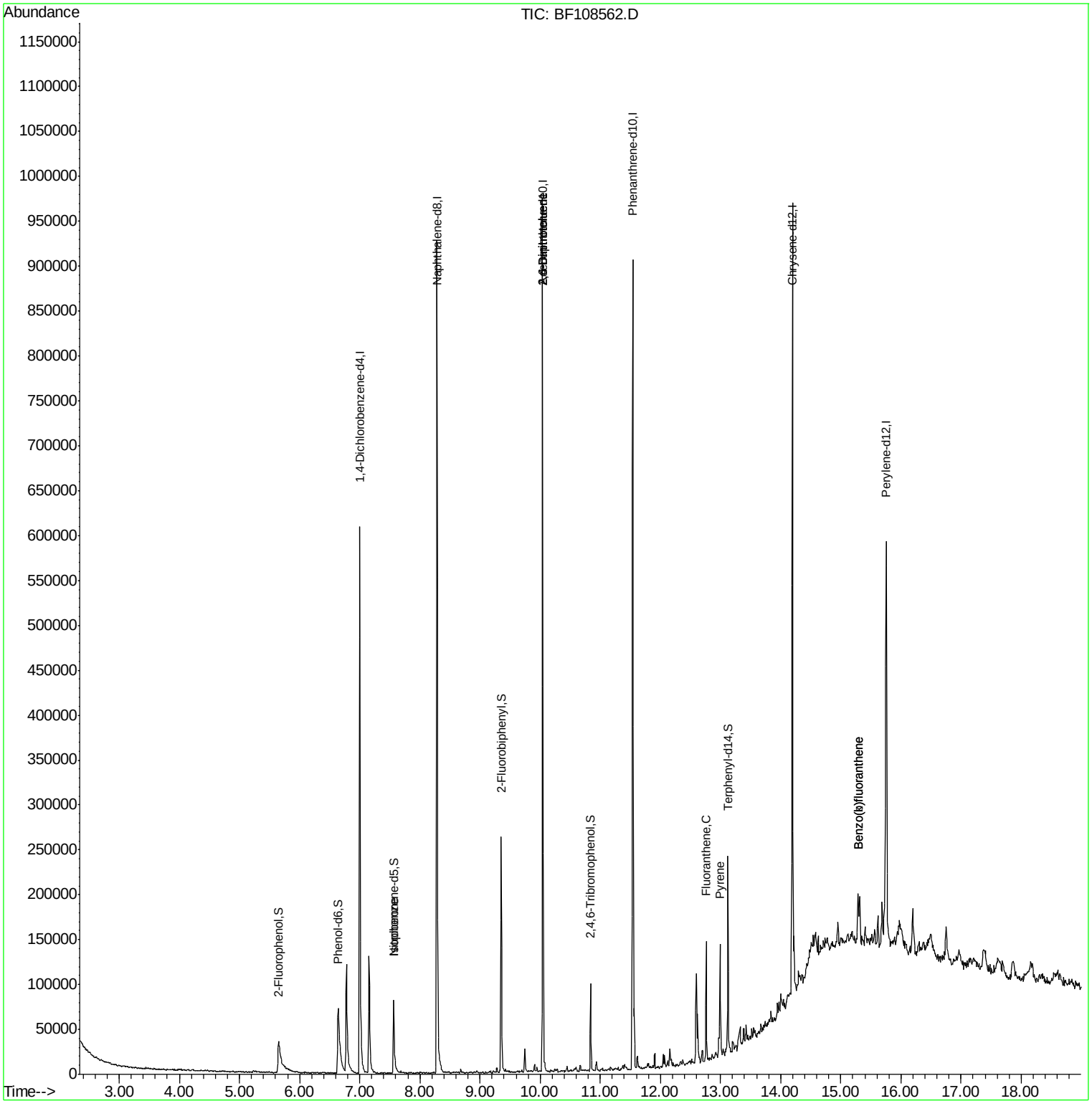
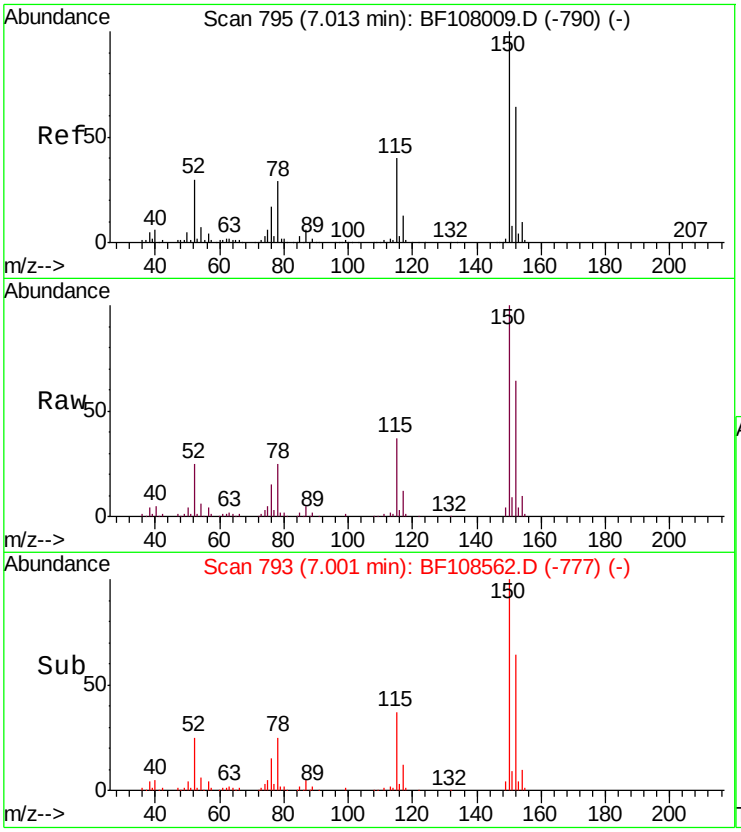


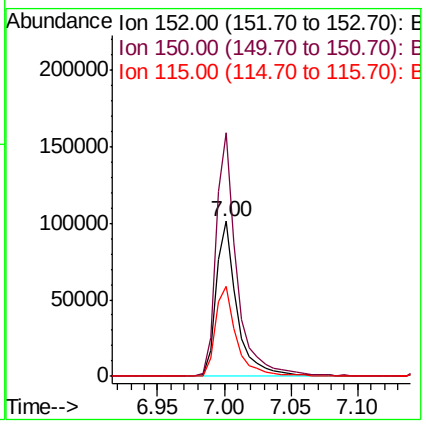


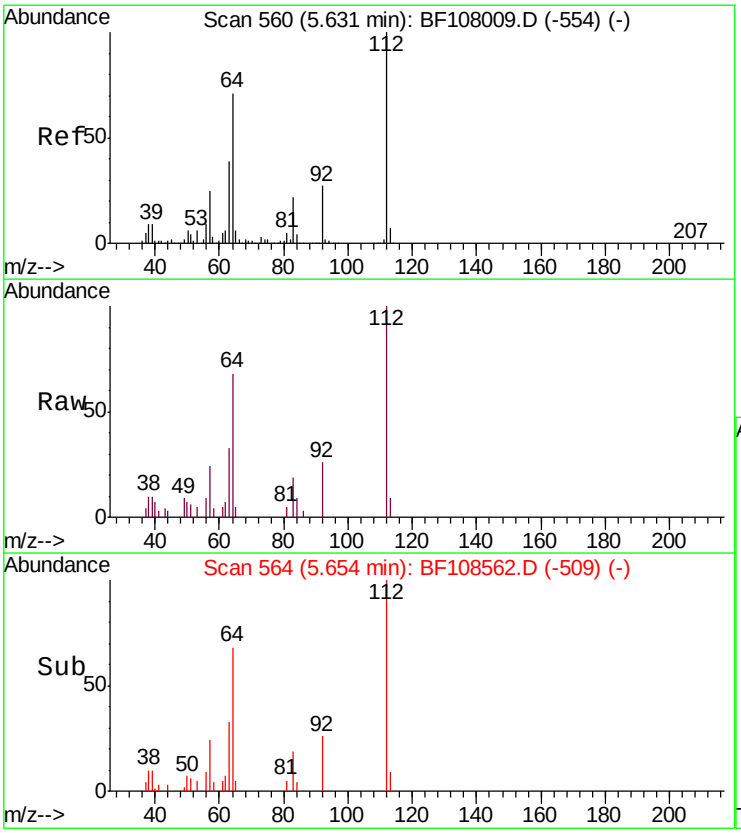
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112119

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	58.5	50.1	75.1

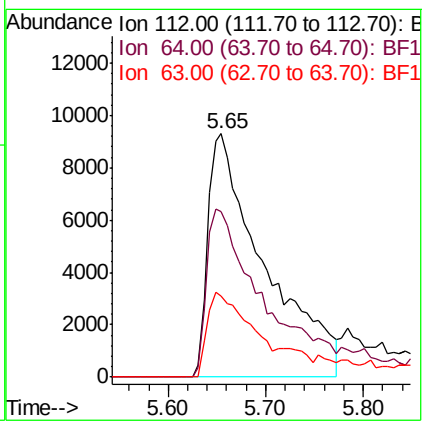


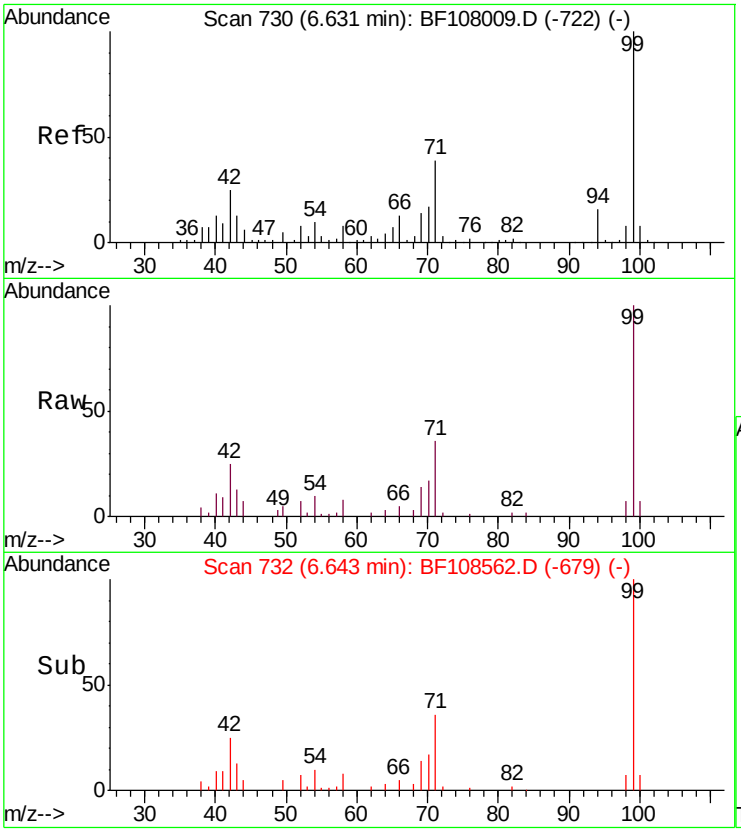


#5
2-Fluorophenol
Concen: 6.025 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion:112 Resp: 37310

Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	33.3	23.7	35.5



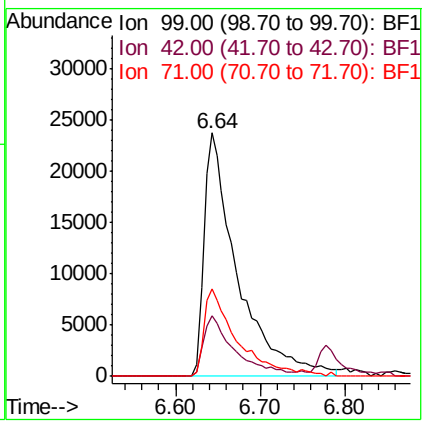


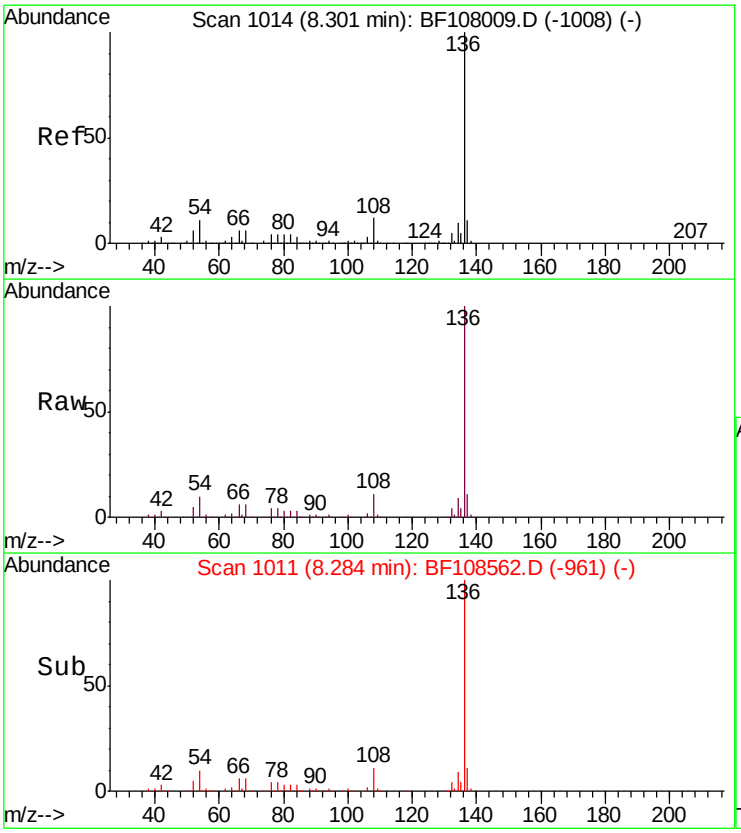
#7
Phenol-d6
Concen: 7.949 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 65420

Ion	Ratio	Lower	Upper
99	100		
42	24.7	14.5	21.7#
71	35.8	25.4	38.0

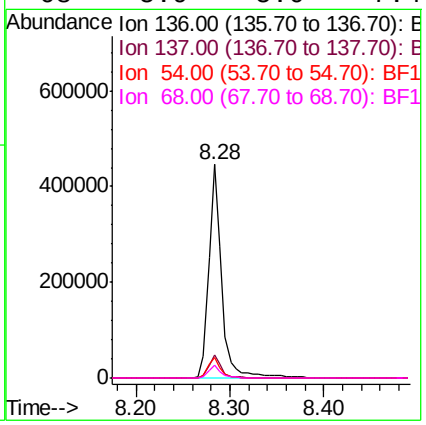


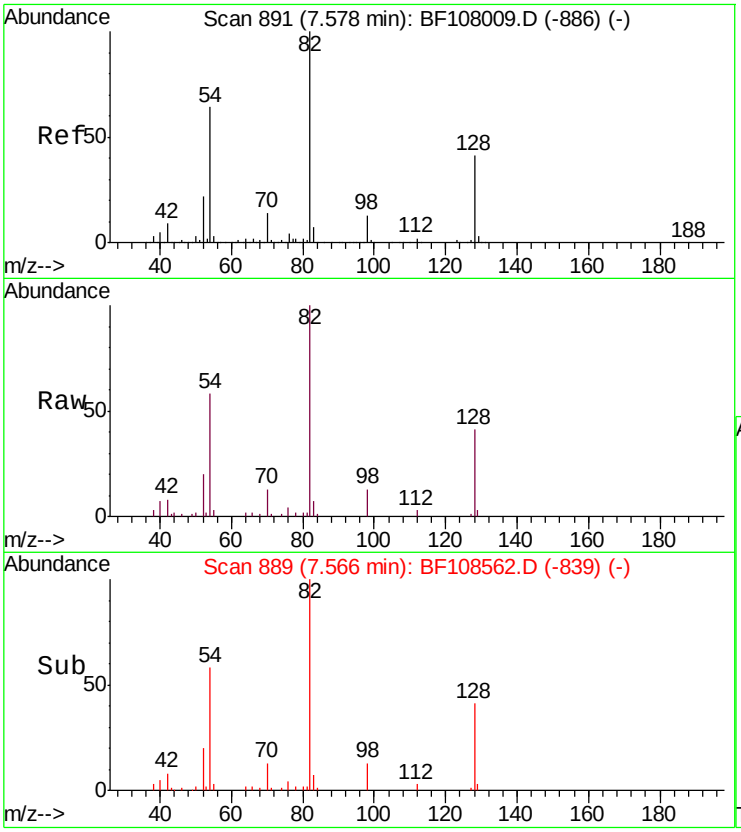


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion:136 Resp: 435459

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.8	6.6	9.8
68	5.9	5.0	7.4



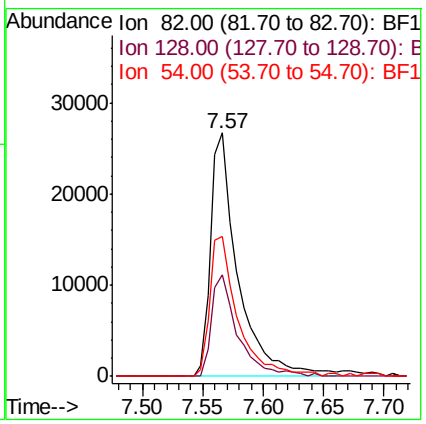


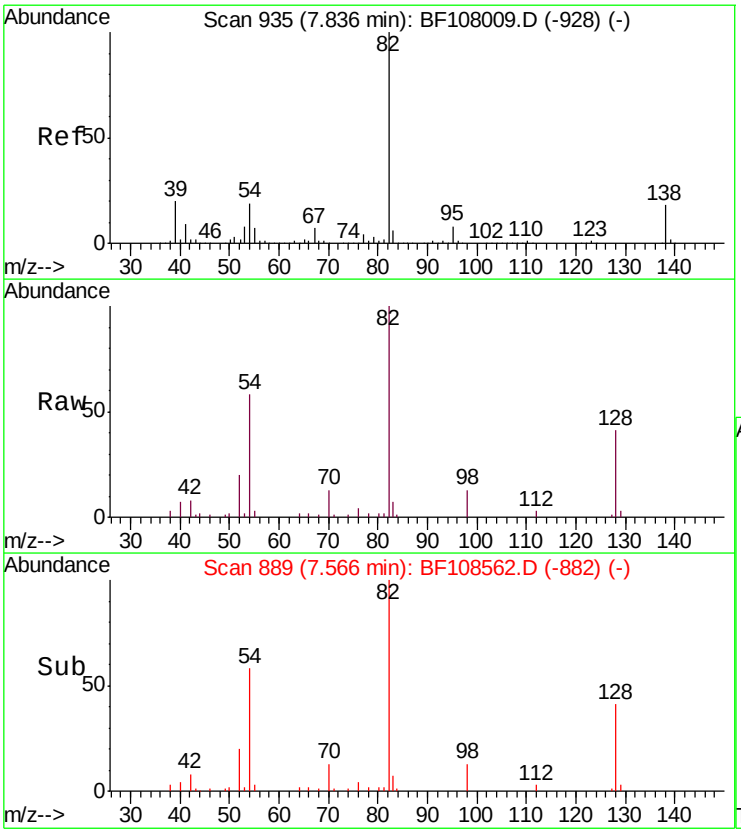
#23
Nitrobenzene-d5
Concen: 5.336 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 41643

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	57.6	41.4	62.2

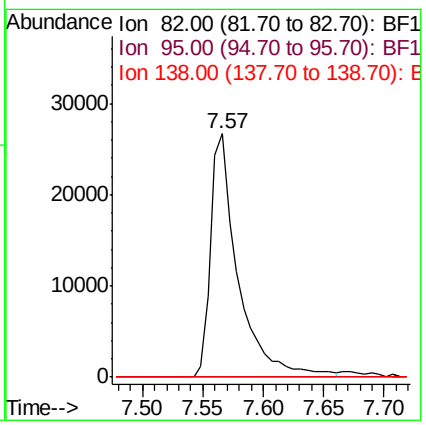


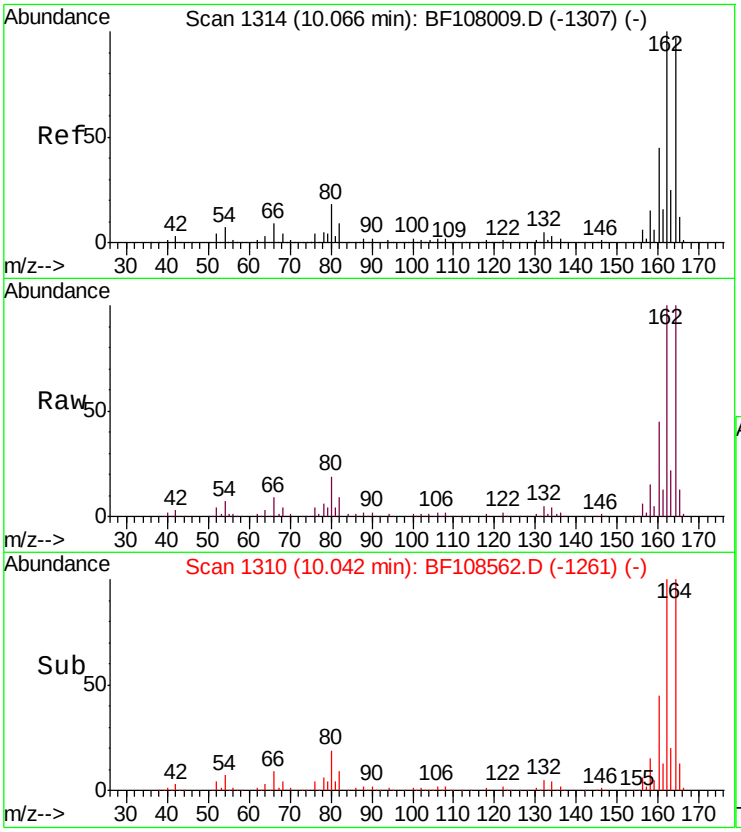


#25
Isophorone
Concen: 2.800 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion: 82 Resp: 41643

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



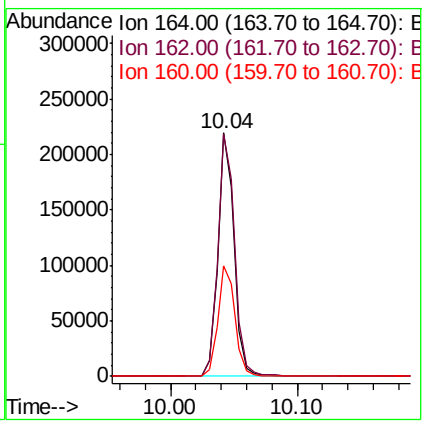


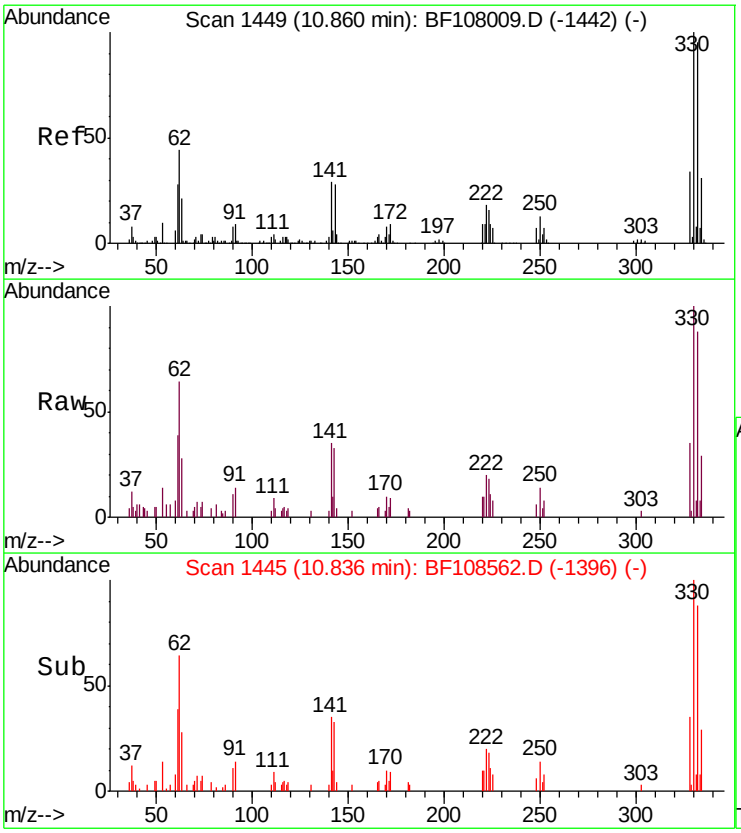
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 196382

Ion	Ratio	Lower	Upper
164	100		
162	99.6	86.1	129.1
160	45.2	38.3	57.5

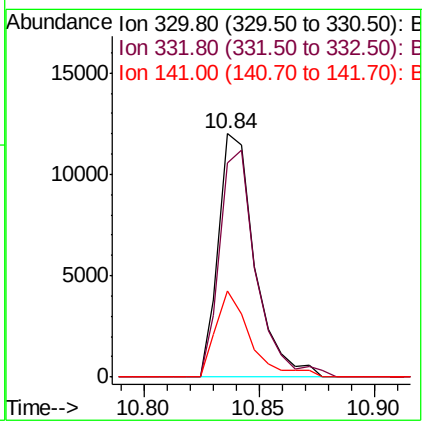


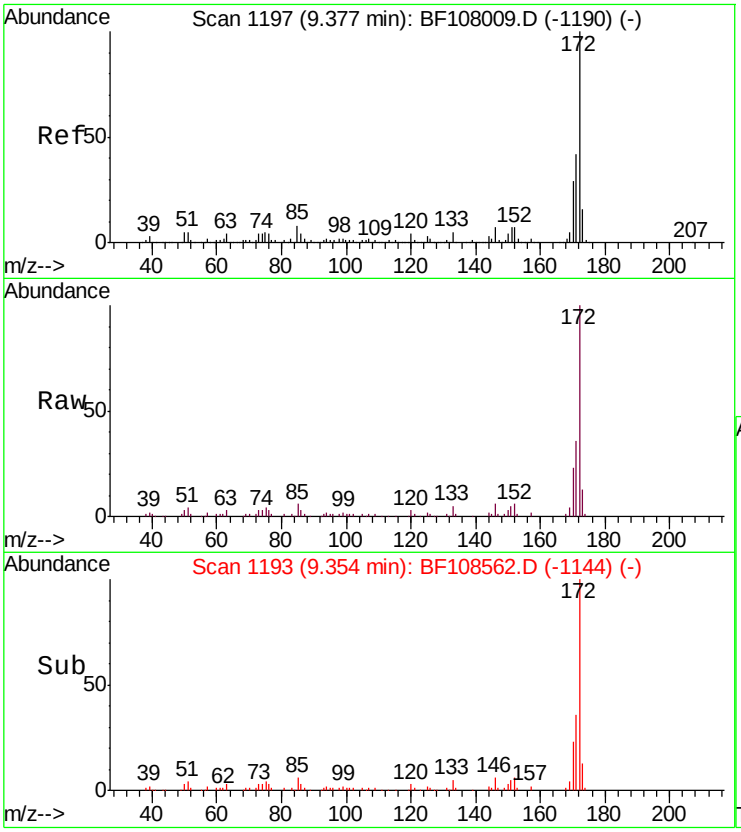


#41
2,4,6-Tribromophenol
Concen: 6.726 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion:330 Resp: 13175

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	33.3	29.9	44.9



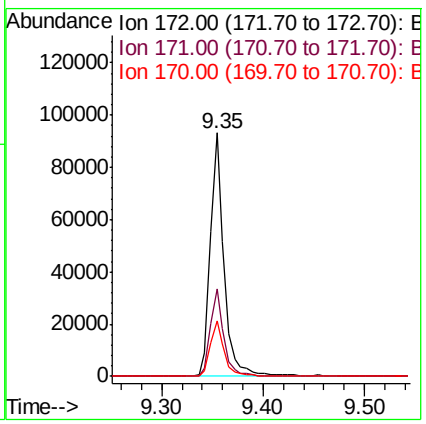


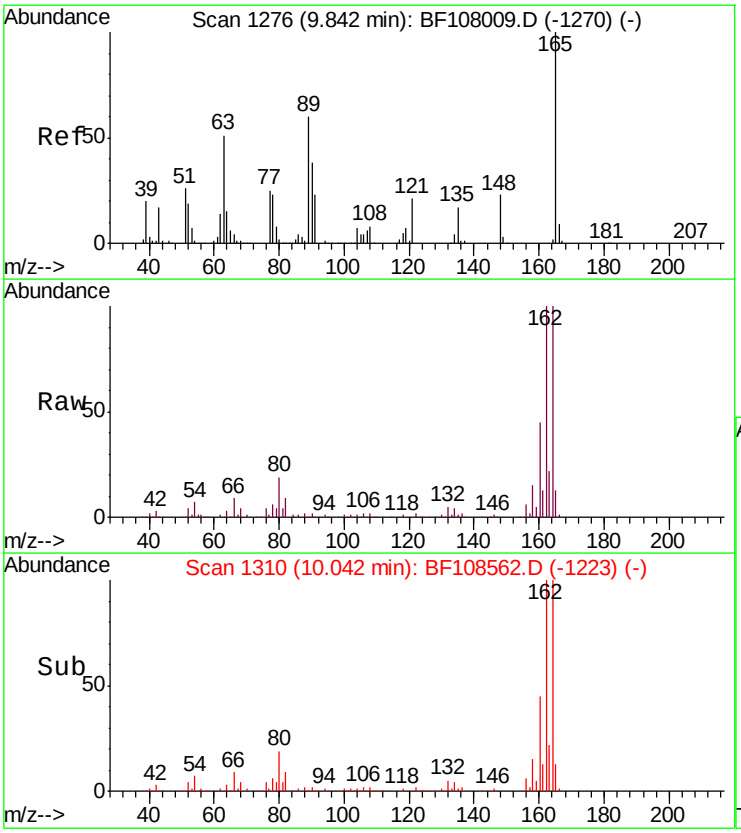
#44
2-Fluorobiphenyl
Concen: 7.186 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 87903

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	22.9	19.6	29.4

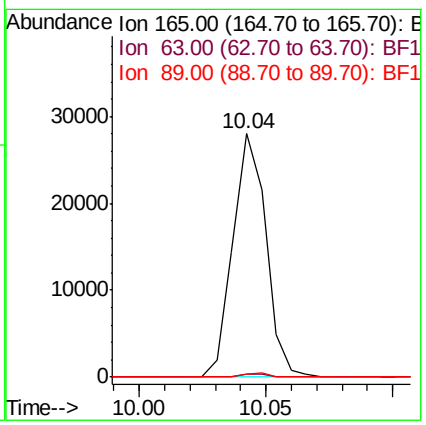


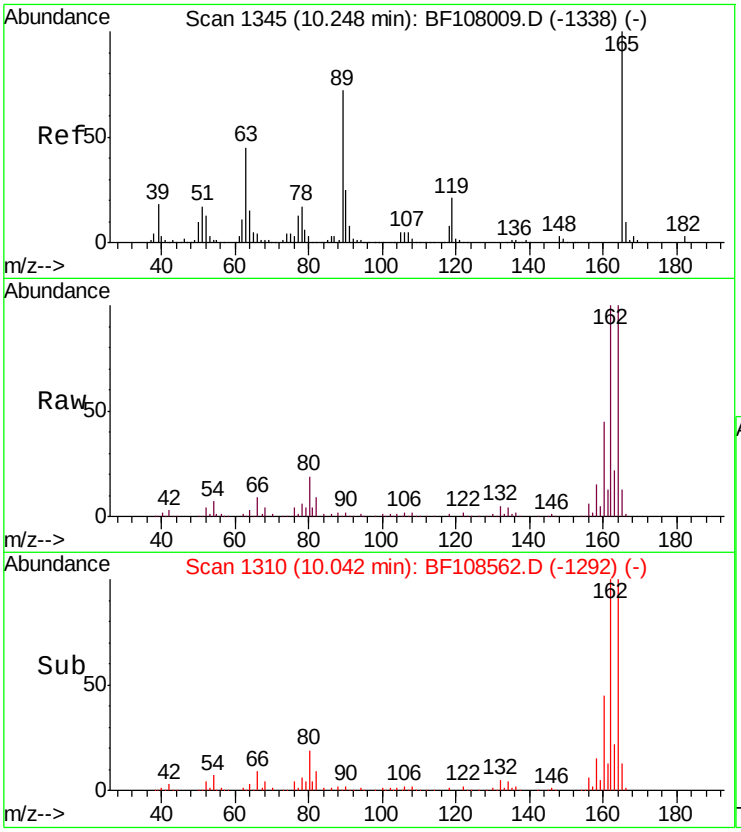


#50
2,6-Dinitrotoluene
Concen: 8.860 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion:165 Resp: 25357

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



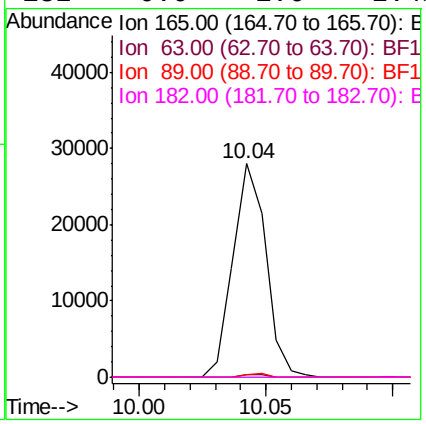


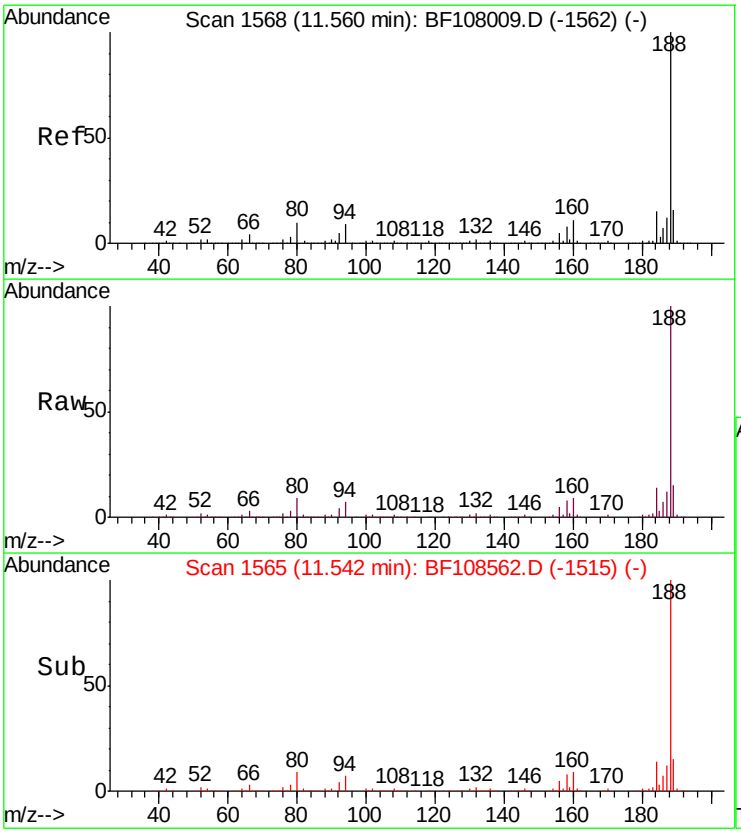
#56
2,4-Dinitrotoluene
Concen: 6.883 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25357

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#

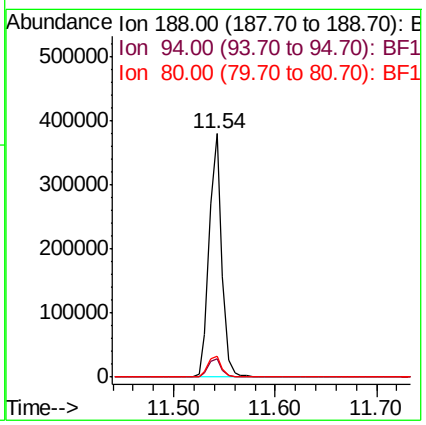


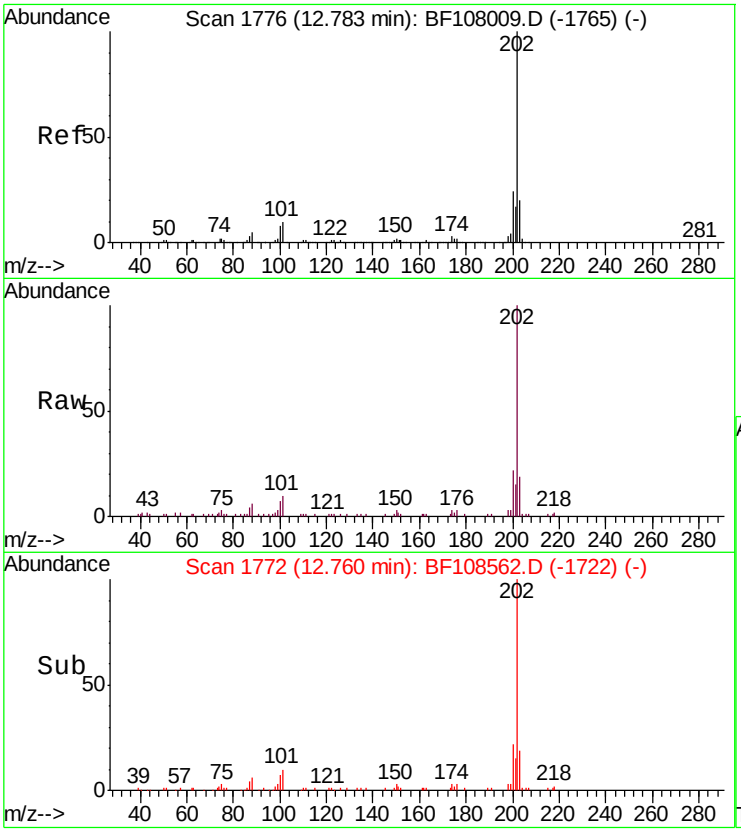


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion:188 Resp: 326926

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	8.8	9.2	13.8#



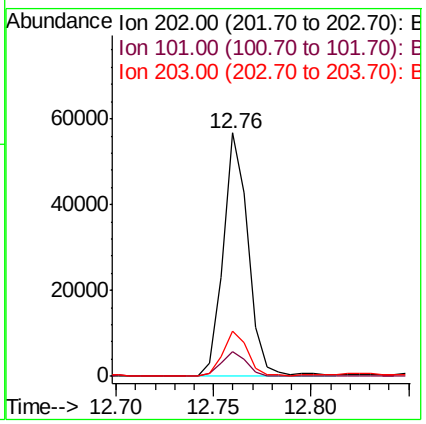


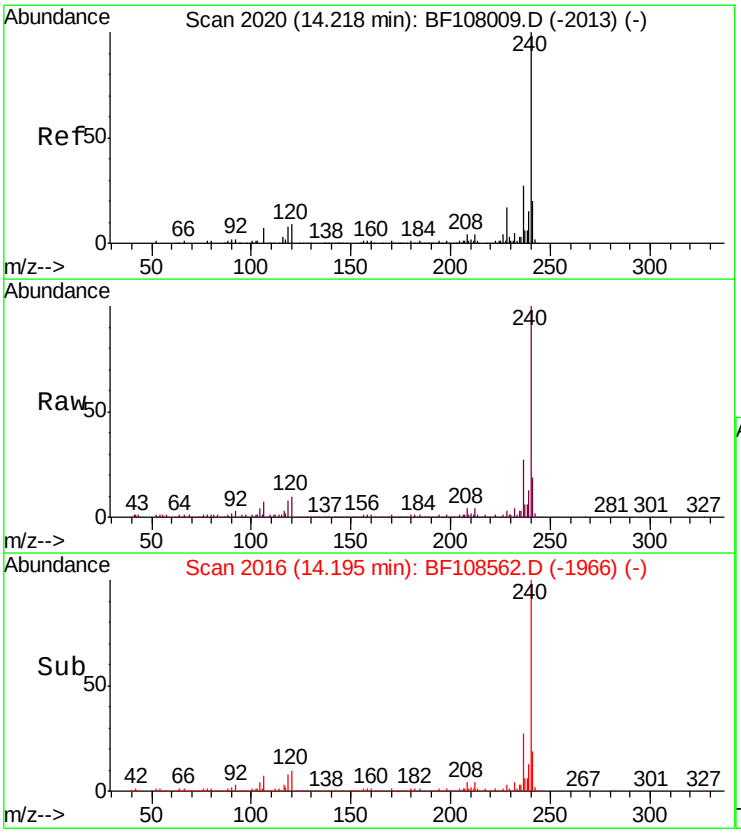
#74
Fluoranthene
Concen: 2.994 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 50391

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	18.6	0.0	38.1

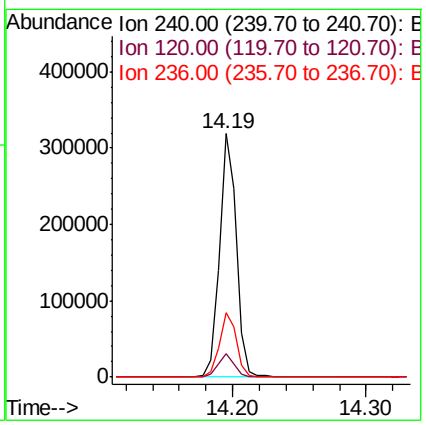


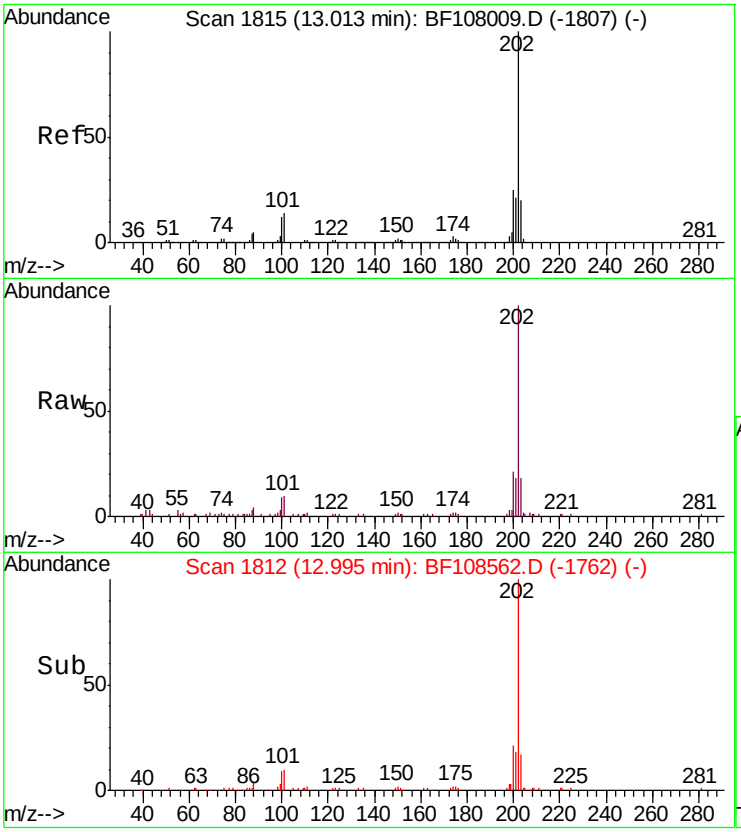


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion:240 Resp: 284043

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	26.6	20.7	31.1



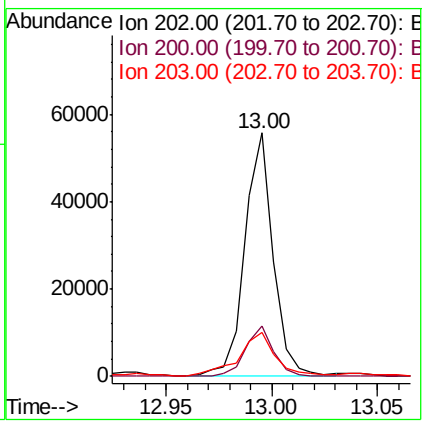


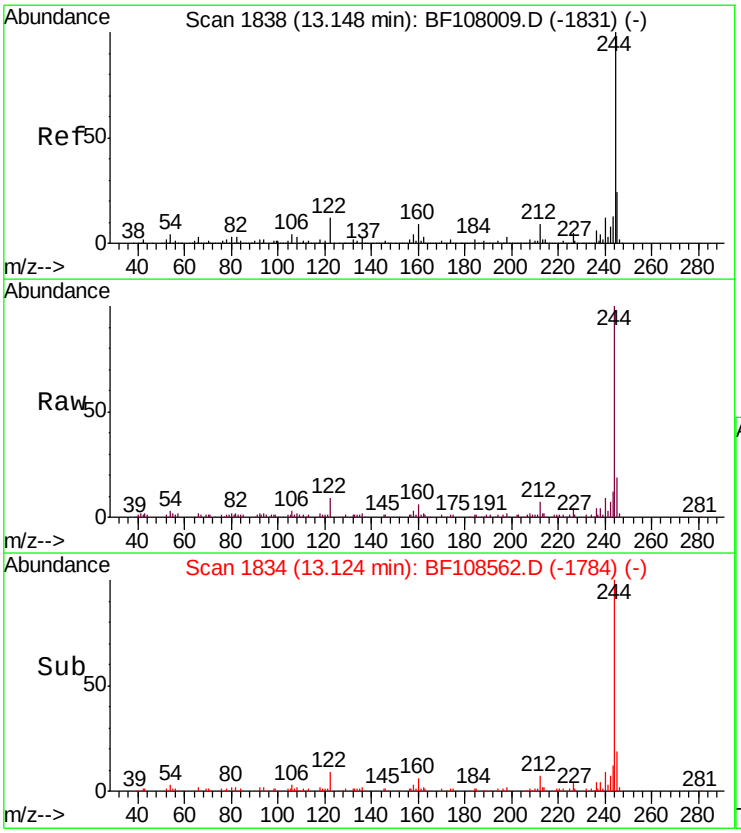
#77
Pyrene
Concen: 2.900 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 52142

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	18.0	14.3	21.5

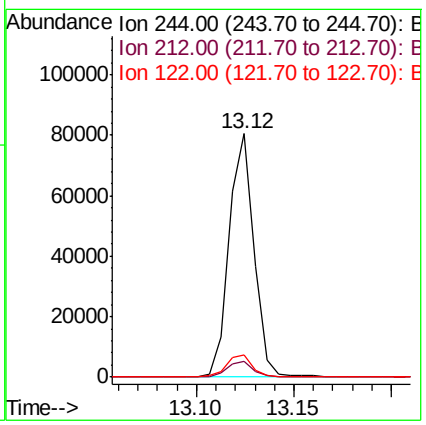


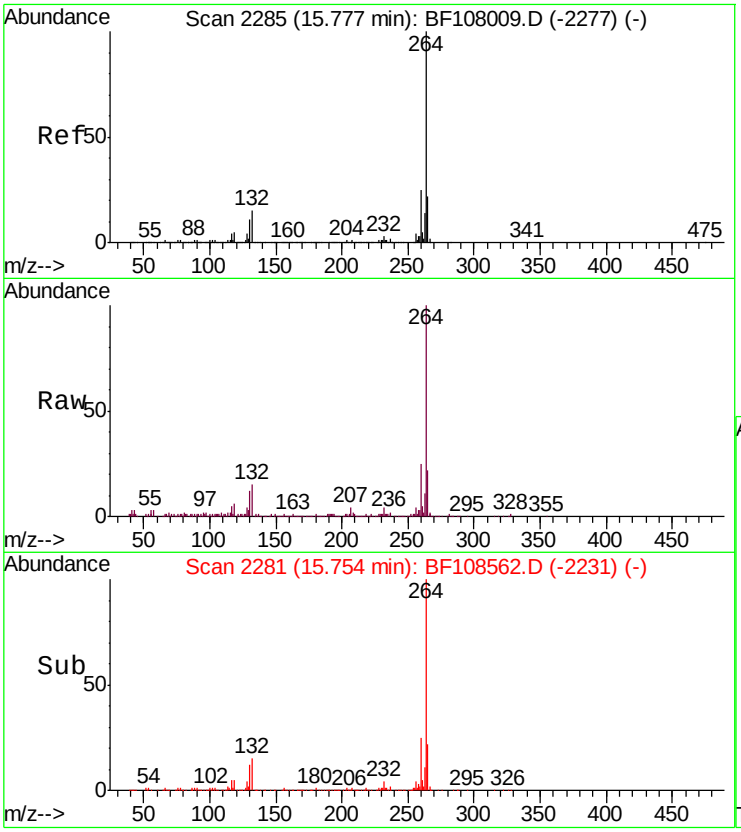


#78
Terphenyl-d14
Concen: 6.370 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion:244 Resp: 71168

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.0	11.0	16.4#



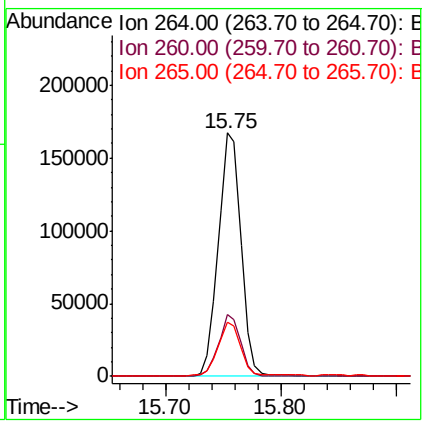


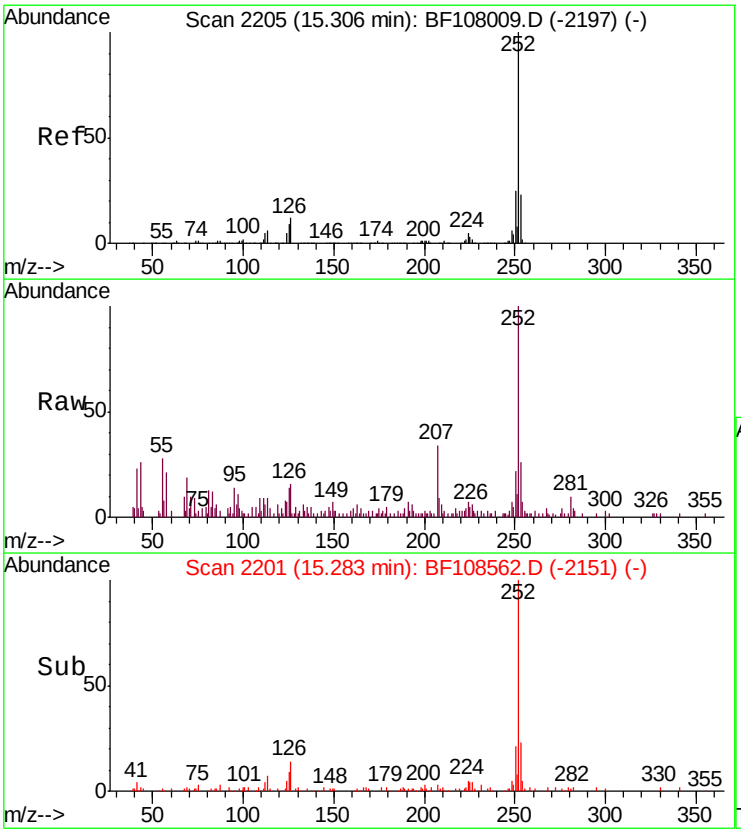
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 229275

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.2	17.5	26.3

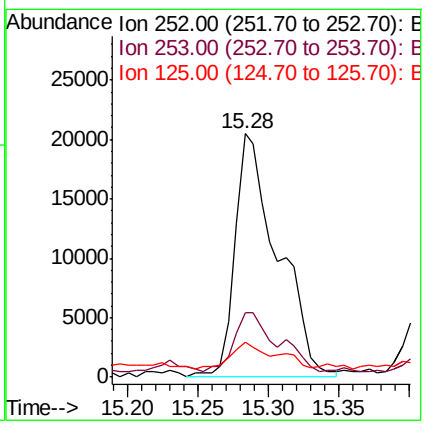


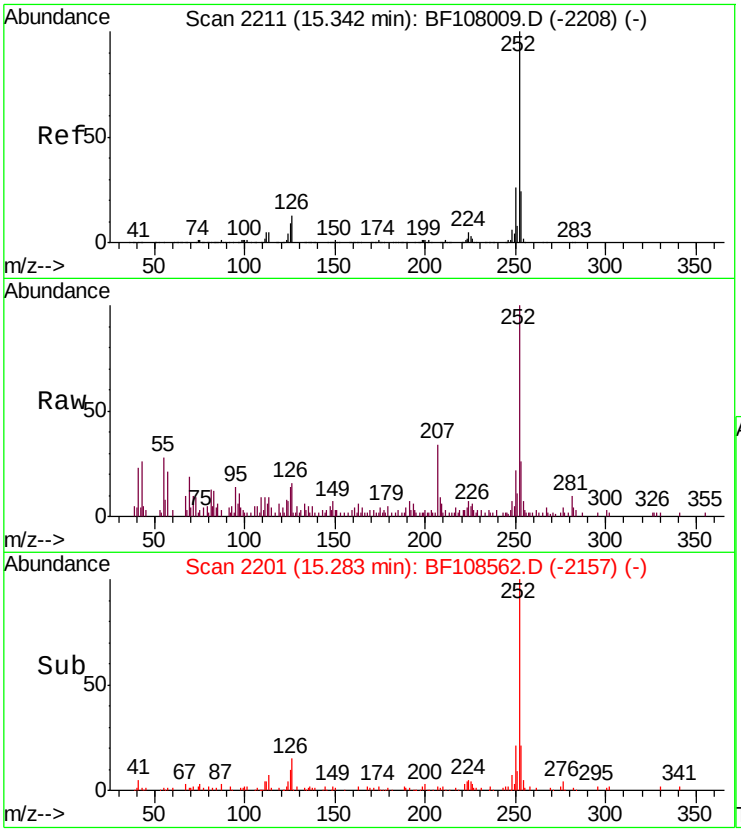


#87
Benzo(b)fluoranthene
Concen: 3.172 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Tgt Ion:252 Resp: 43457

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.0	25.6#
125	14.4	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.451 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF108562.D
Acq: 28 Aug 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 43457

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	14.4	10.2	15.2