Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
Data File : BF108563.D
Acq On : 28 Aug 2018 18:45
Operator : JU/SJ
Sample : J4277-11 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-082718-B

Quant Time: Aug 29 01:34:14 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	110212	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	429299	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	193713	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	332368	20.00	ng		0.00
75) Chrysene-d12	14.19	240	303426	20.00	ng		0.00
86) Perylene-d12	15.75	264	238214	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	82222	13.51	ng		0.01
7) Phenol-d6	6.64	99	127841	15.80	ng		0.00
23) Nitrobenzene-d5	7.56	82	80638	10.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	26783	13.86	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	163584	13.56	ng		-0.01
78) Terphenyl-d14	13.12	244	145686	12.21	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.56	82	80638	5.499	ng	#	64
50) 2,6-Dinitrotoluene	10.04	165	24934	8.832	ng	#	25
56) 2,4-Dinitrotoluene	10.04	165	24934	6.861	ng	#	23
70) Phenanthrene	11.57	178	44488	2.838	ng		99
74) Fluoranthene	12.76	202	95359	5.574	ng		95
77) Pyrene	13.00	202	107904	5.617	ng		98
80) Benzo(a)anthracene	14.18	228	46554	2.673	ng		96
82) Chrysene	14.22	228	43742	2.740	ng		97
87) Benzo(b)fluoranthene	15.28	252	69303	4.869	ng	#	91
88) Benzo(k)fluoranthene	15.28	252	69303	5.296	ng	#	91
89) Benzo(a)pyrene	15.68	252	41402	3.248	ng		98
91) Benzo(g,h,i)perylene	17.86	276	21451	2.066	ng	#	90

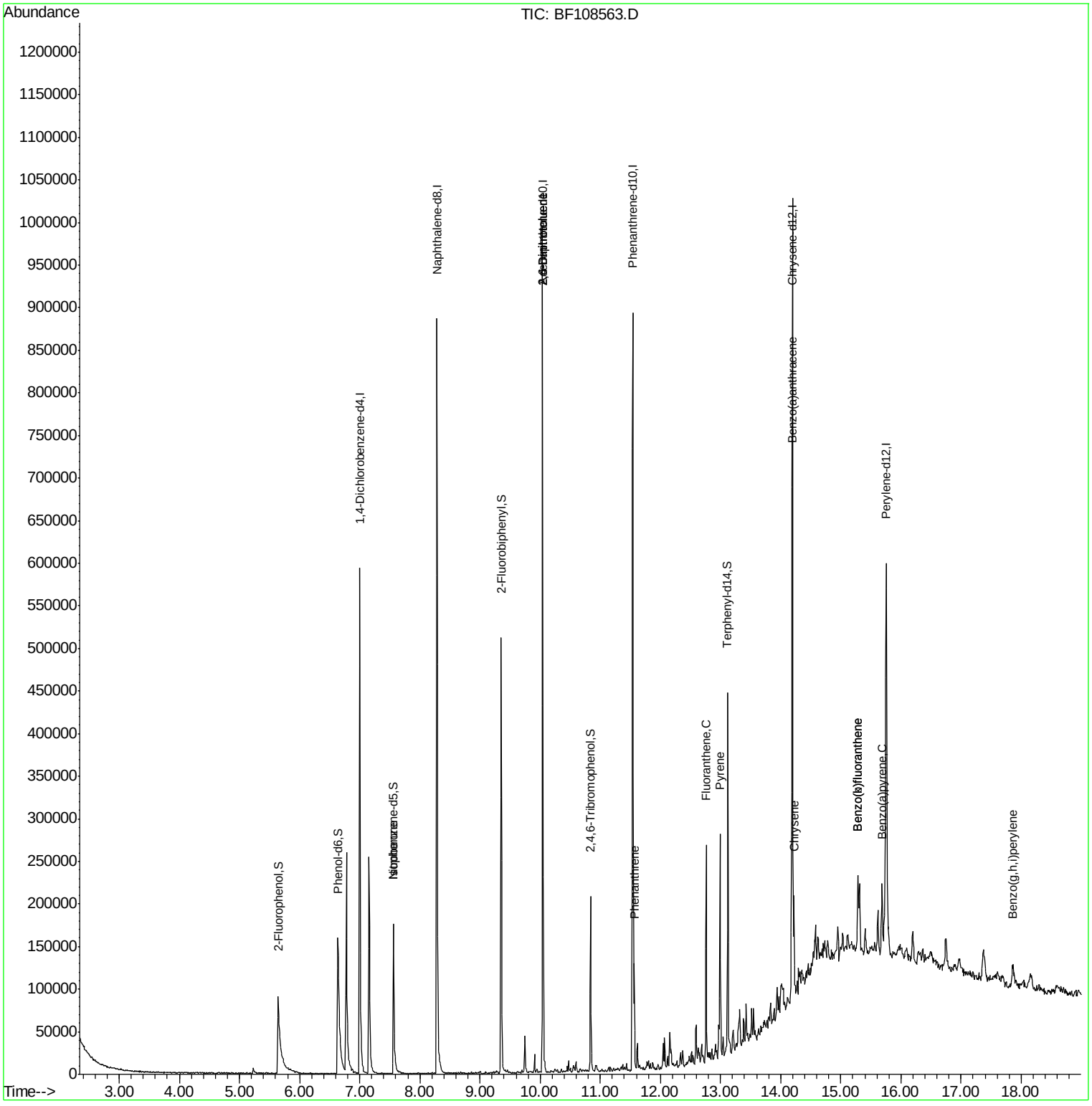
(#) = qualifier out of range (m) = manual integration (+) = signals summed

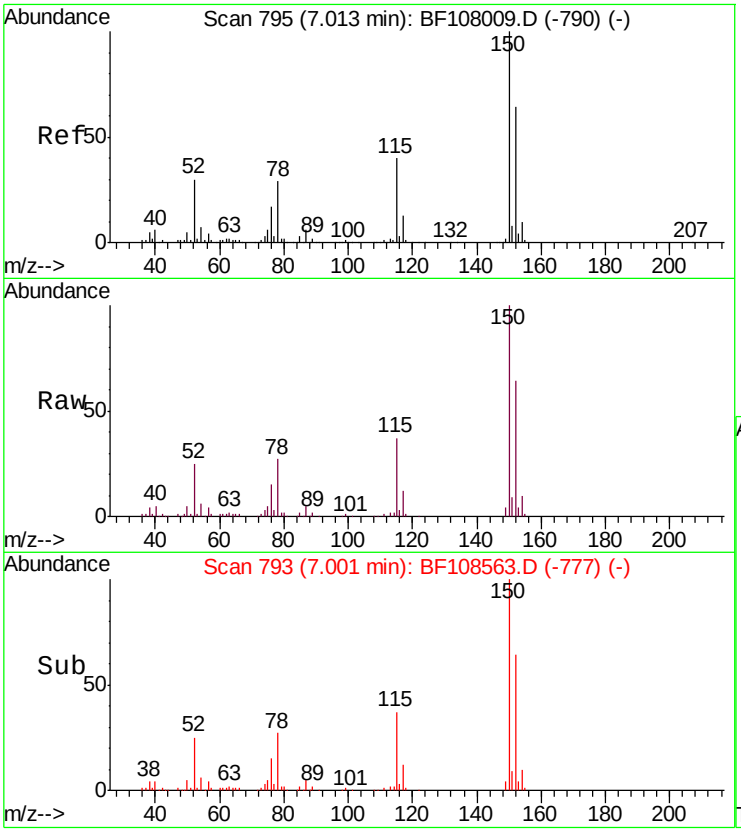
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
Data File : BF108563.D
Acq On : 28 Aug 2018 18:45
Operator : JU/SJ
Sample : J4277-11 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Quant Time: Aug 29 01:34:14 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



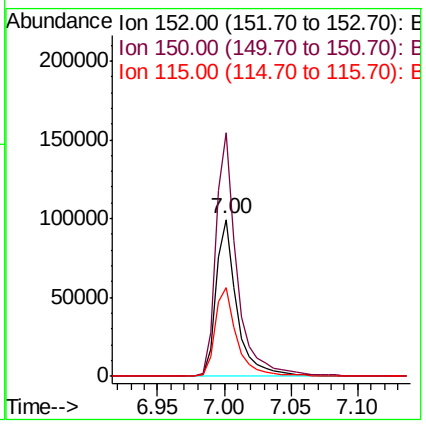


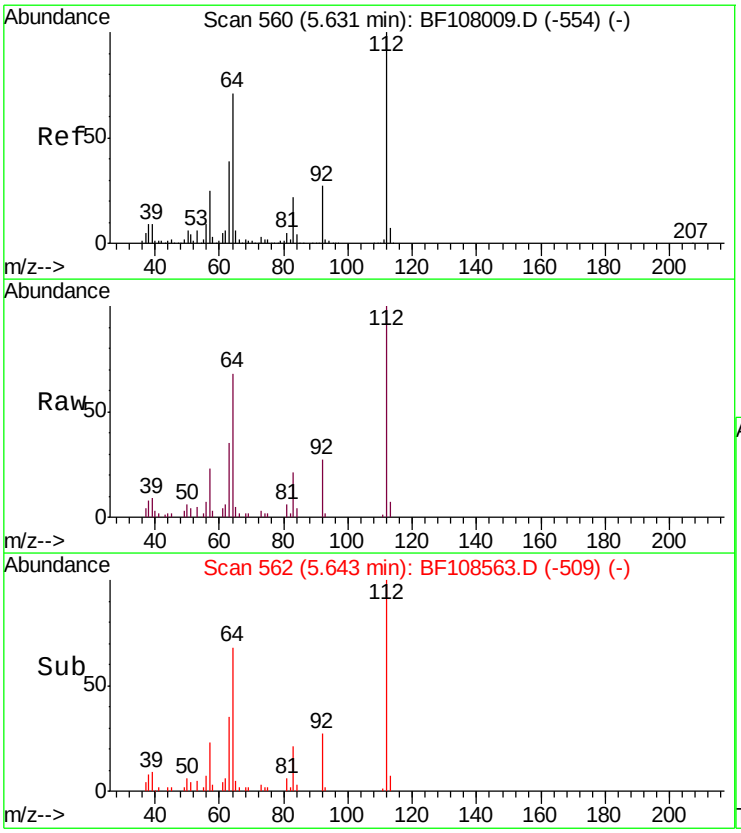
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Tgt Ion:152 Resp: 110212

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	56.9	50.1	75.1

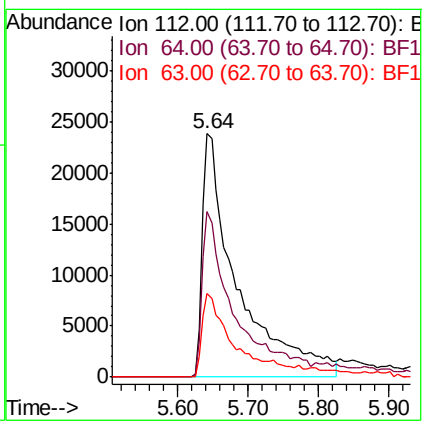


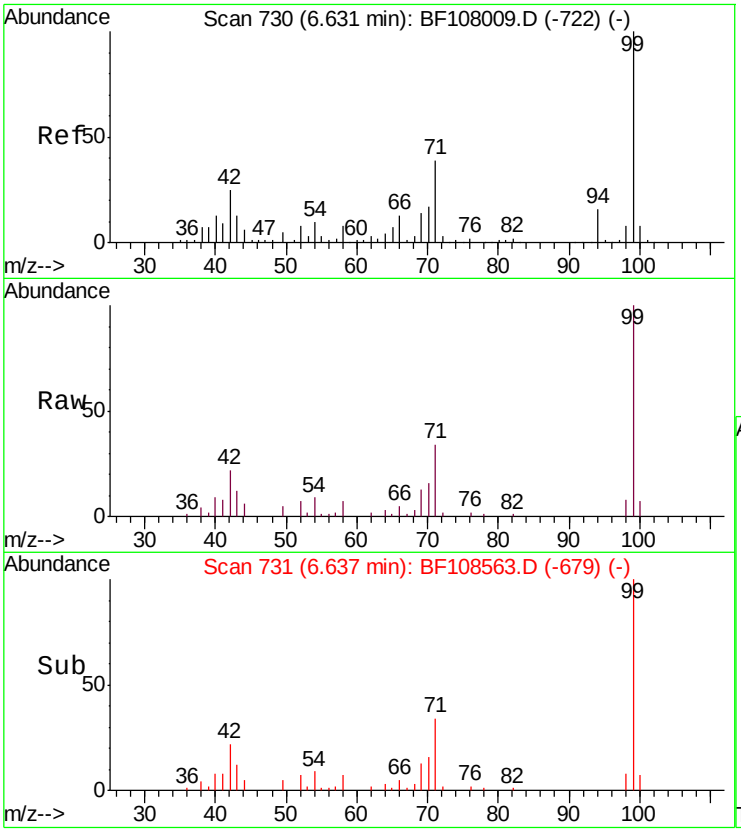


#5
2-Fluorophenol
Concen: 13.507 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Tgt Ion:112 Resp: 82222

Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	34.5	23.7	35.5



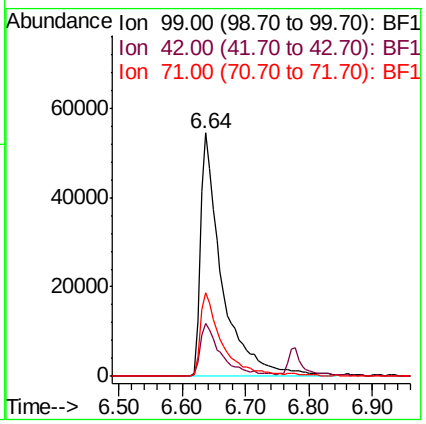


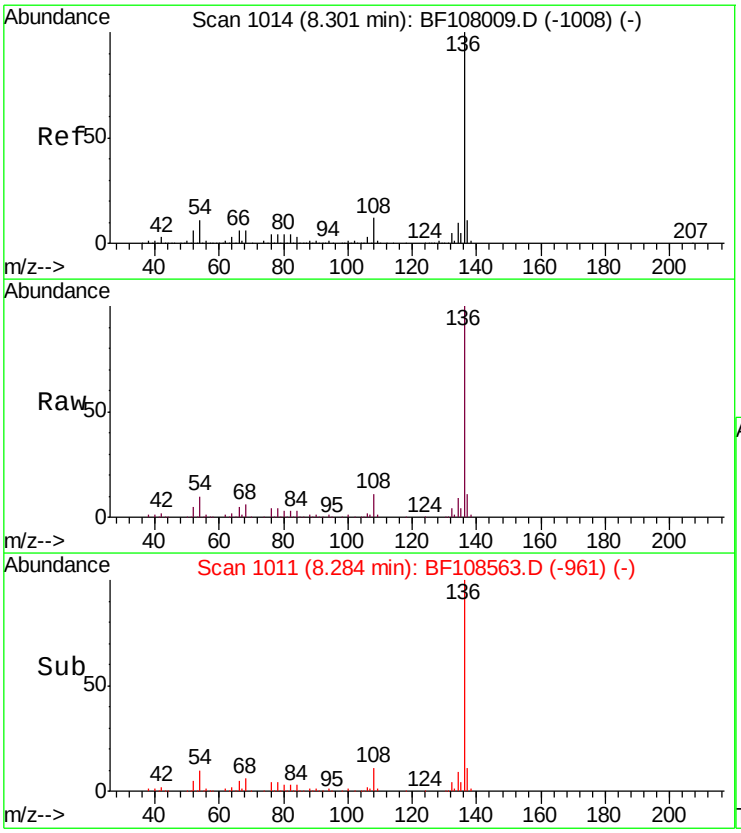
#7
Phenol-d6
Concen: 15.803 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Tgt Ion: 99 Resp: 127841

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7
71	34.1	25.4	38.0

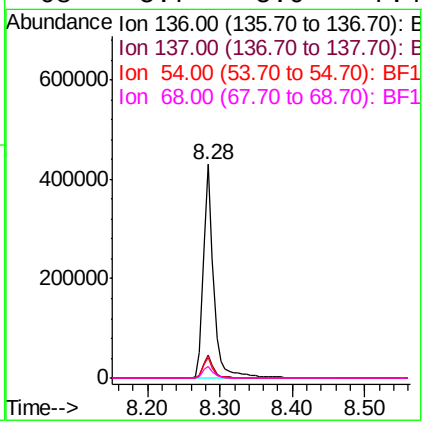


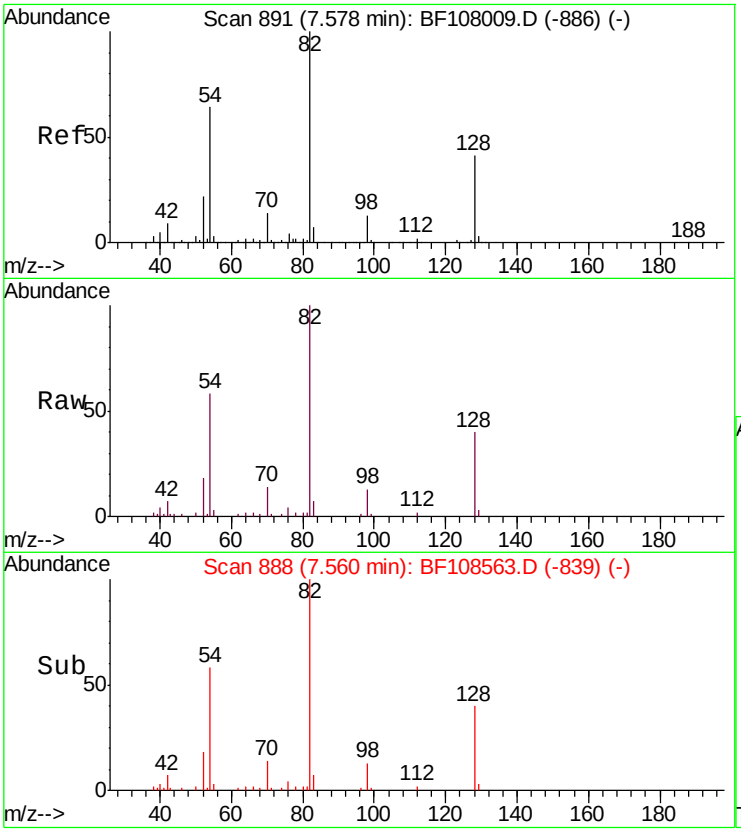


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Tgt Ion:136 Resp: 429299

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.9	6.6	9.8#
68	5.7	5.0	7.4



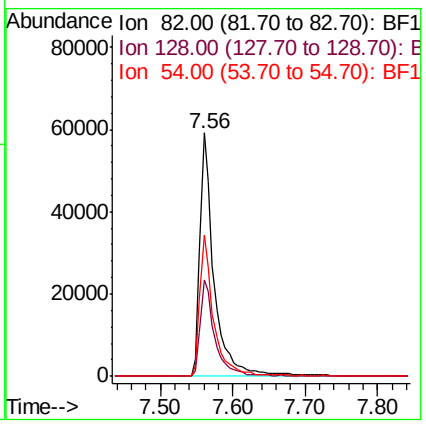


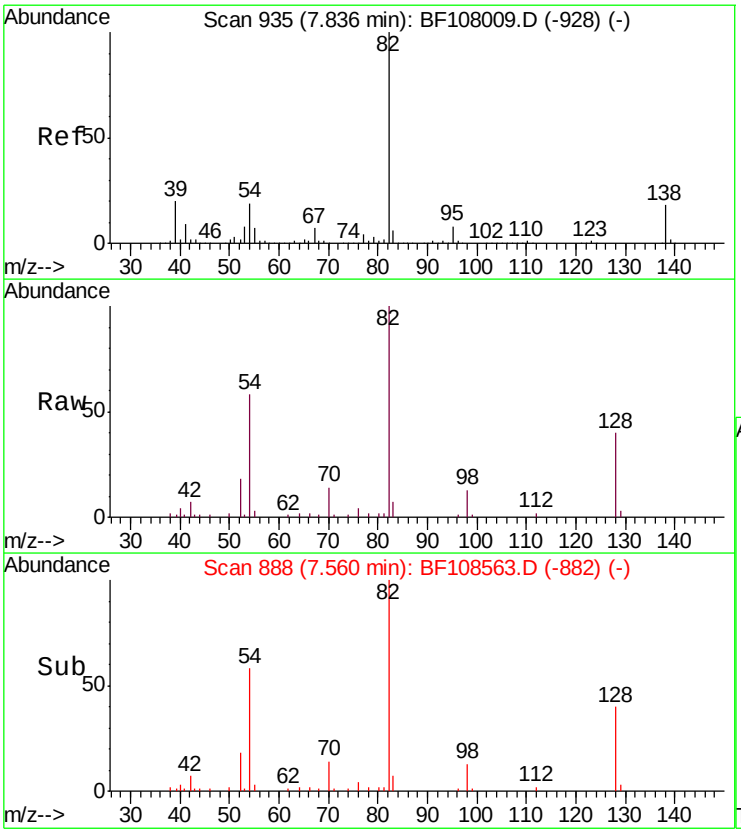
#23
Nitrobenzene-d5
Concen: 10.482 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Tgt Ion: 82 Resp: 80638

Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.1	54.1
54	58.2	41.4	62.2

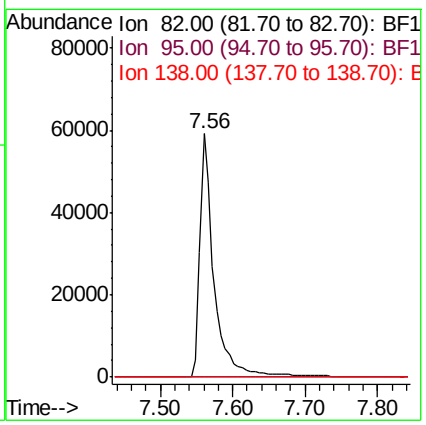


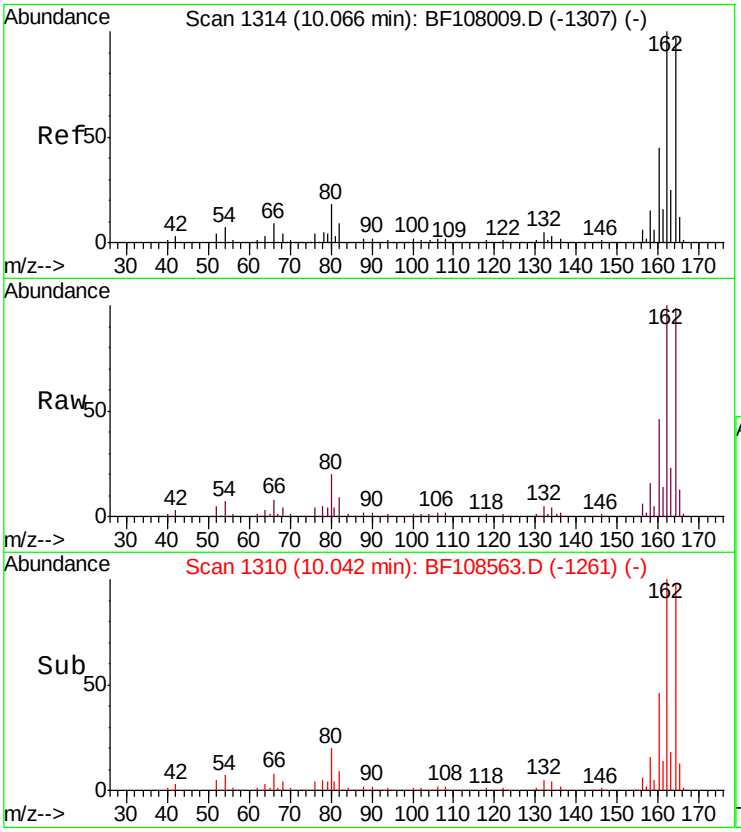


#25
Isophorone
Concen: 5.499 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Tgt Ion: 82 Resp: 80638

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



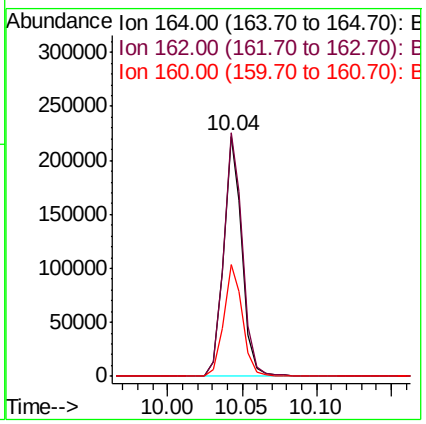


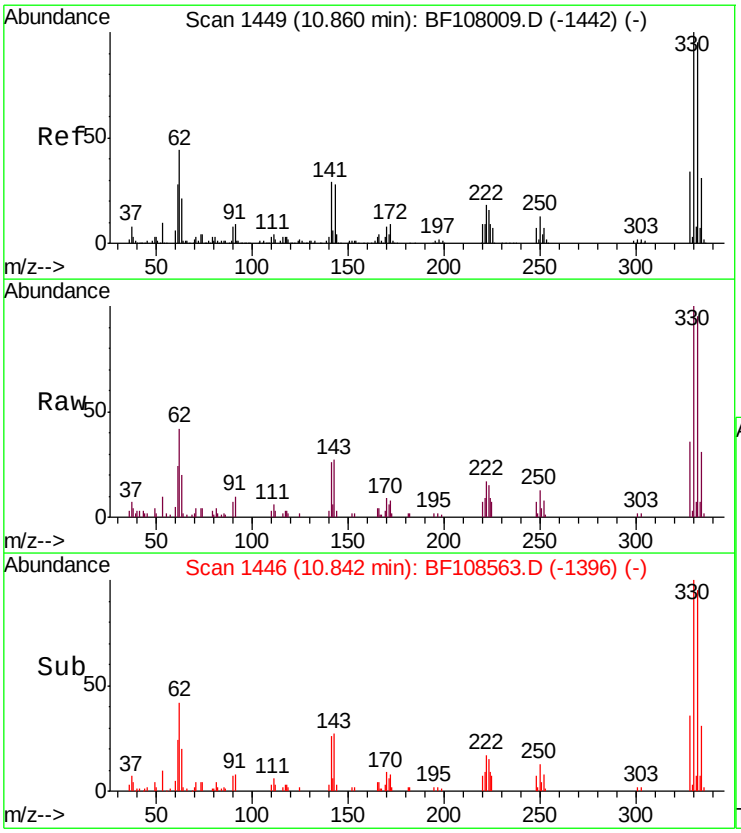
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Tgt Ion:164 Resp: 193713

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	46.4	38.3	57.5

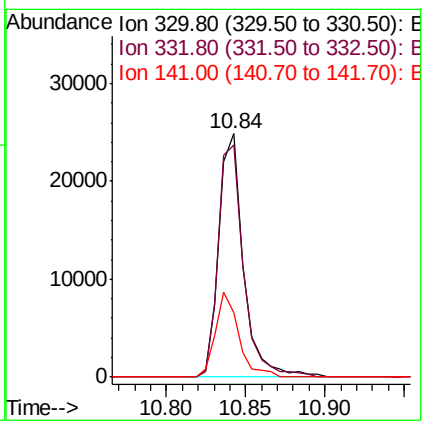


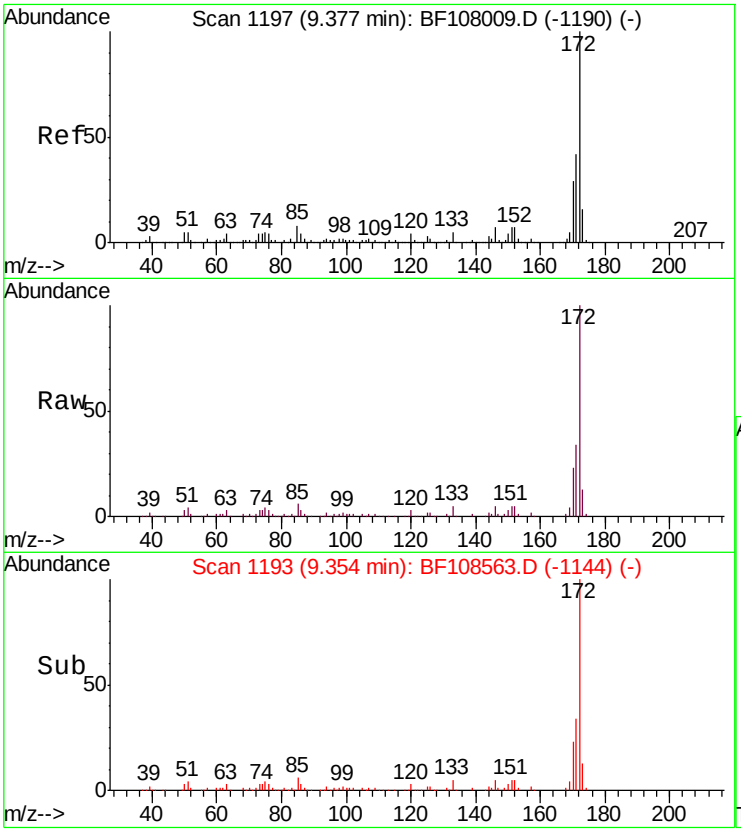


#41
2,4,6-Tribromophenol
Concen: 13.861 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Tgt Ion:330 Resp: 26783

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	33.0	29.9	44.9



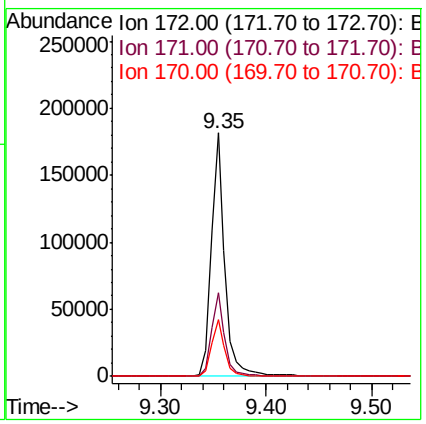


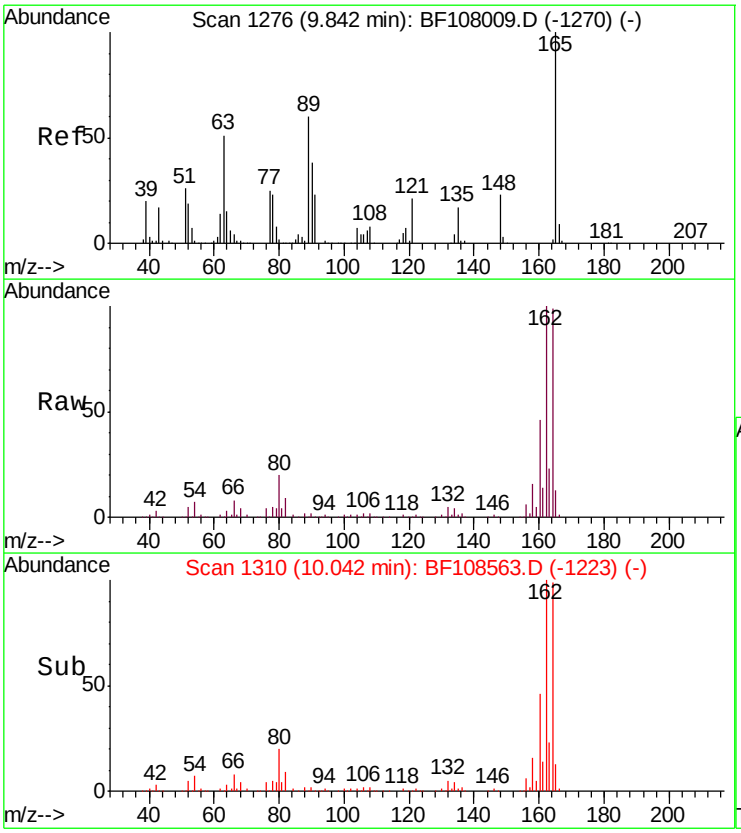
#44
2-Fluorobiphenyl
Concen: 13.558 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Tgt Ion:172 Resp: 163584

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.2	19.6	29.4

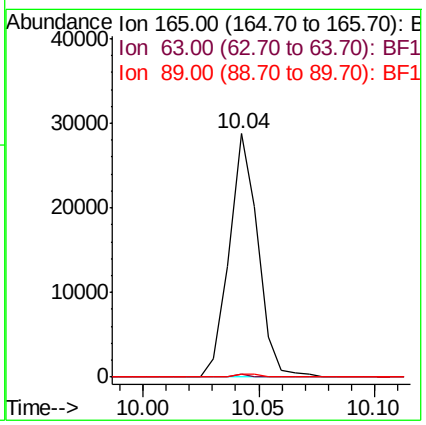


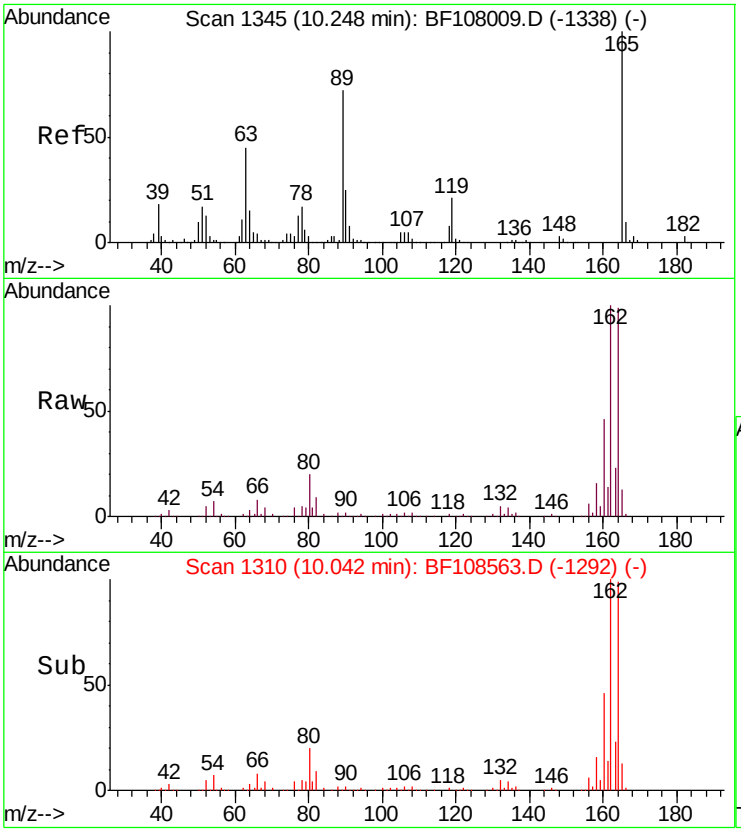


#50
2,6-Dinitrotoluene
Concen: 8.832 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Tgt Ion:165 Resp: 24934

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.3	44.0	66.0#



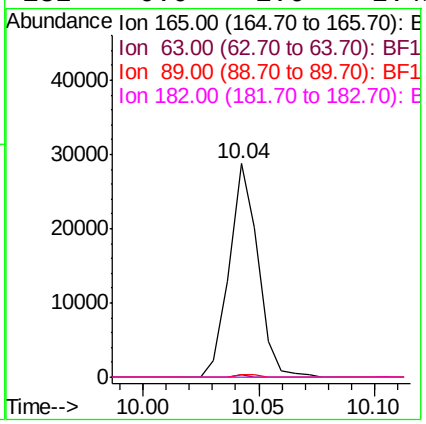


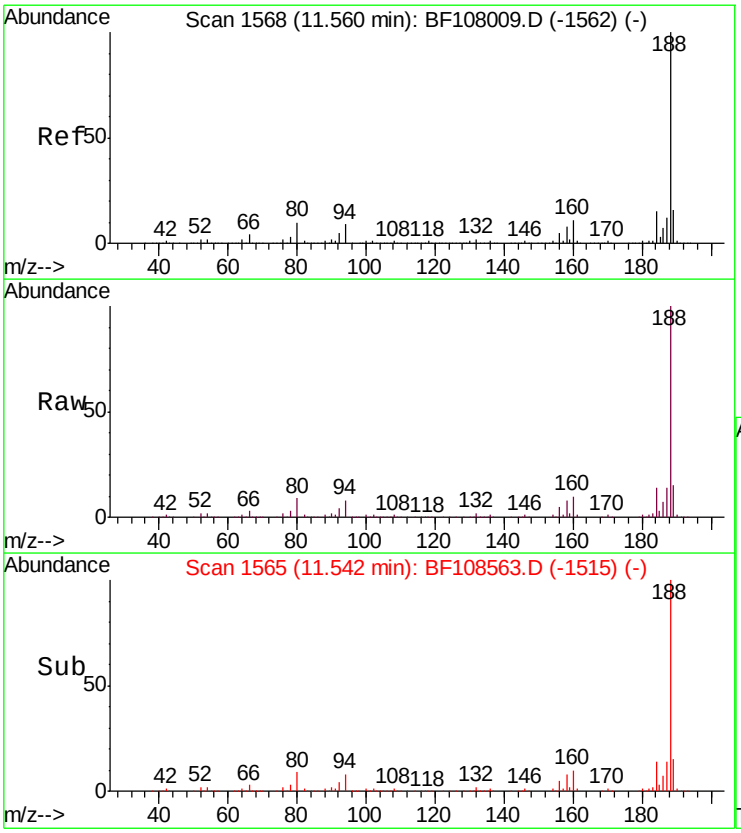
#56
2,4-Dinitrotoluene
Concen: 6.861 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Tgt Ion:165 Resp: 24934

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

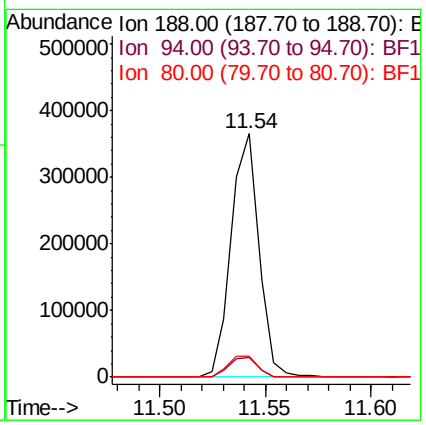


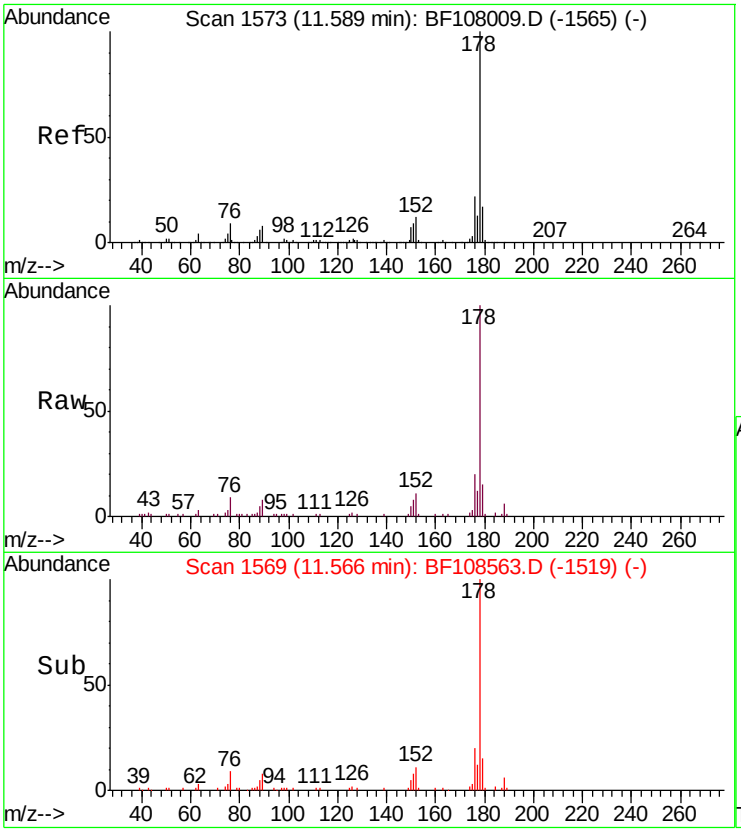


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Tgt Ion:188 Resp: 332368

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.5	9.2	13.8#



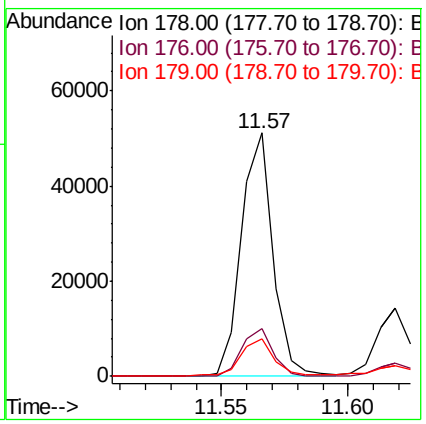


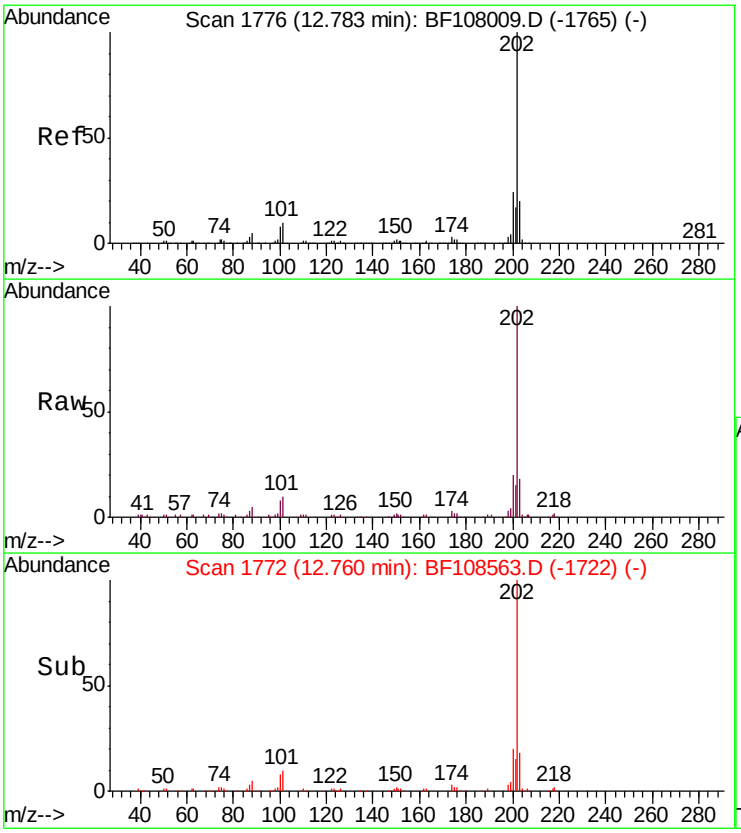
#70
Phenanthrene
Concen: 2.838 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Tgt Ion:178 Resp: 44488

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	13.0	19.6

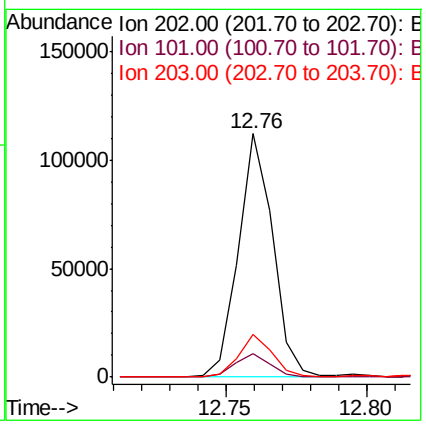


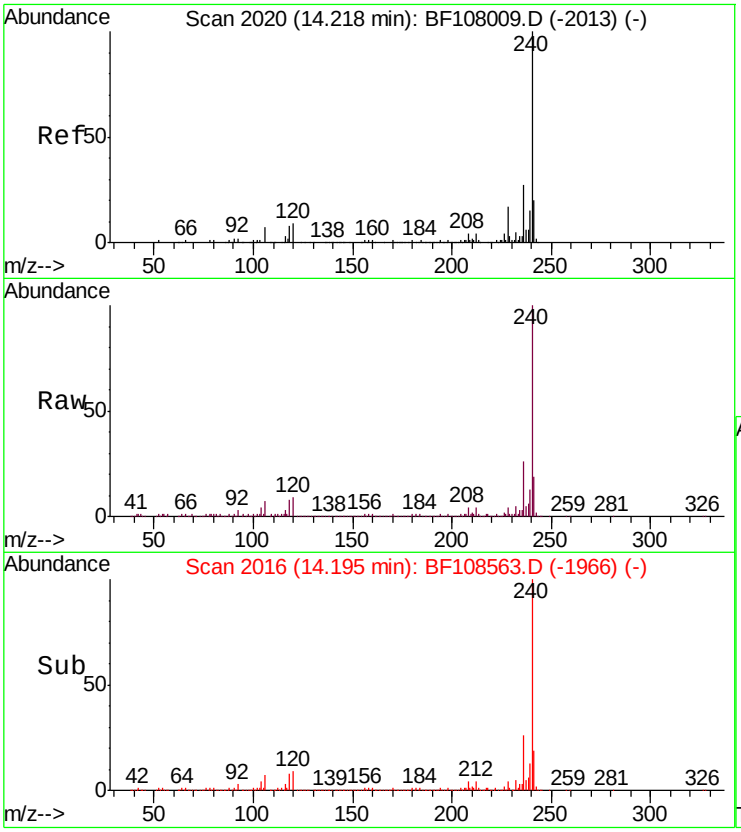


#74
Fluoranthene
Concen: 5.574 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Tgt Ion:202 Resp: 95359

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.1
203	17.5	0.0	38.1



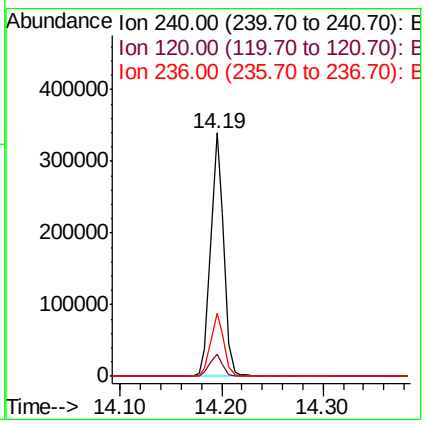


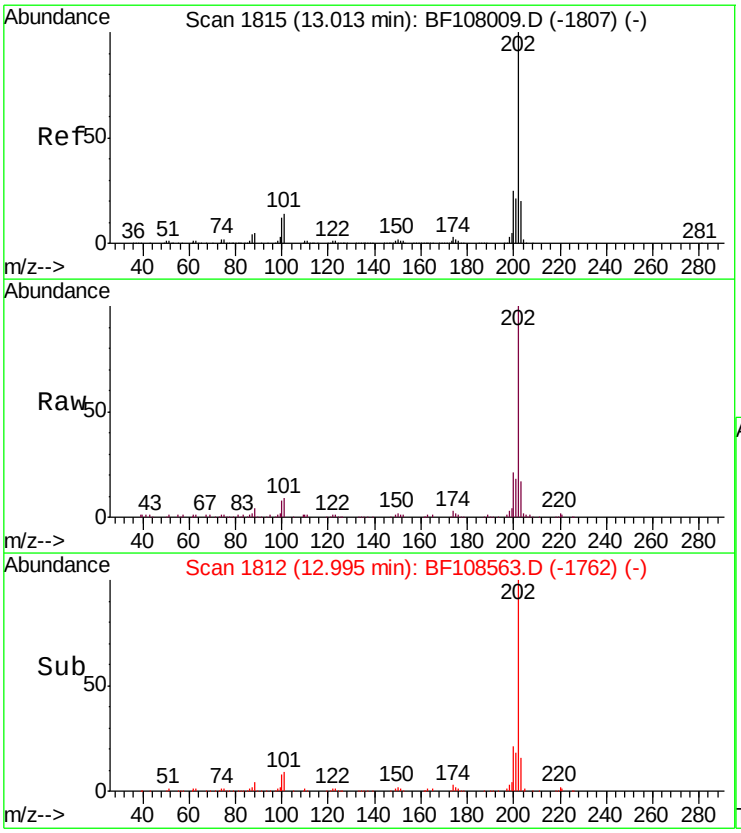
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Tgt Ion:240 Resp: 303426

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	25.8	20.7	31.1

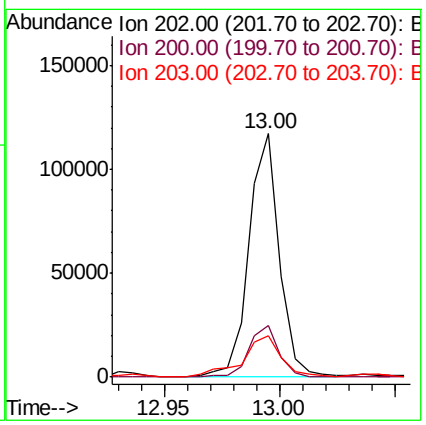


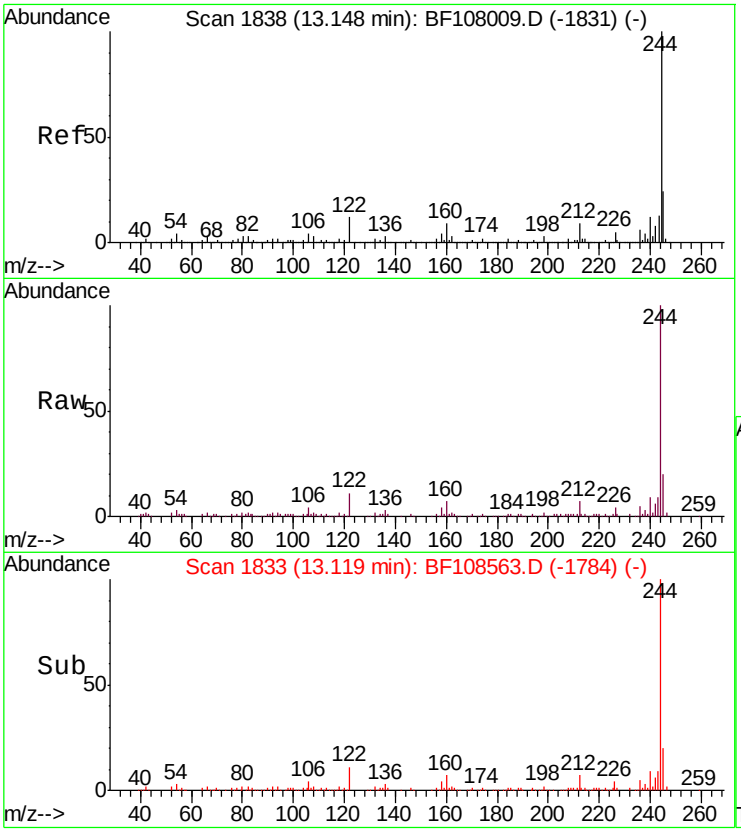


#77
Pyrene
Concen: 5.617 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Tgt Ion:202 Resp: 107904

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.0	14.3	21.5



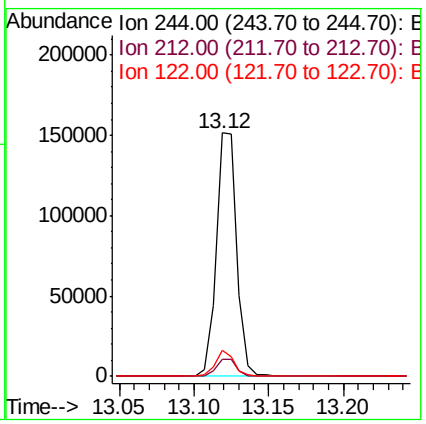


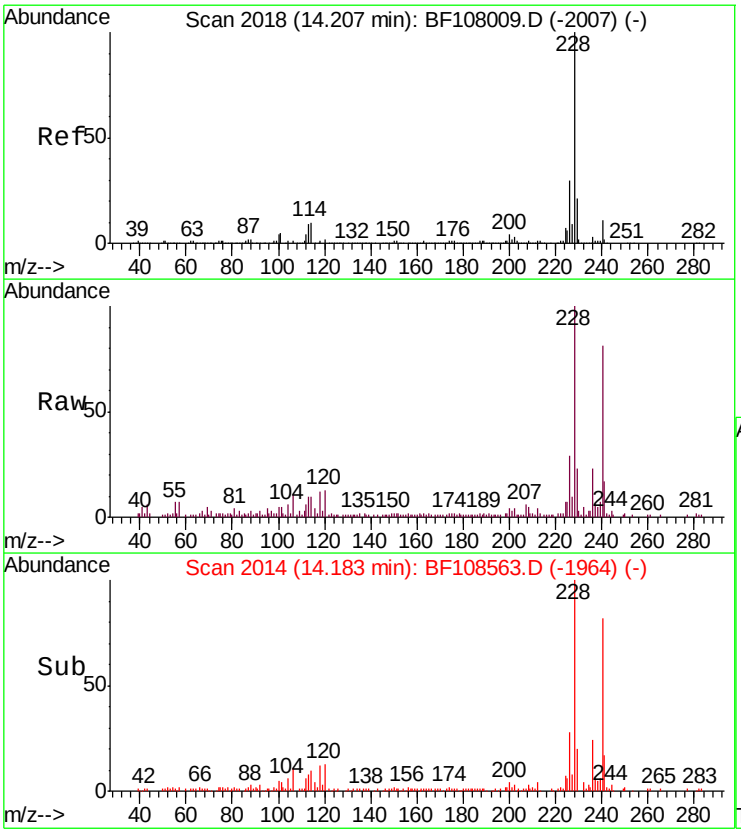
#78
Terphenyl-d14
Concen: 12.208 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Tgt Ion:244 Resp: 145686

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.6	11.0	16.4#

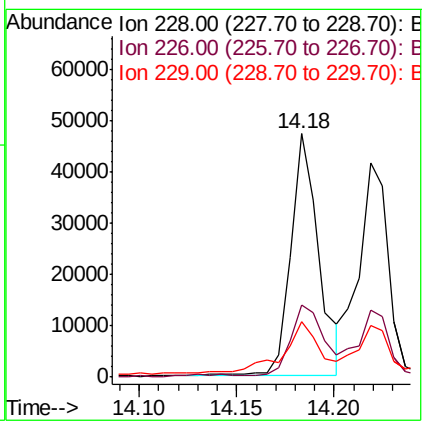


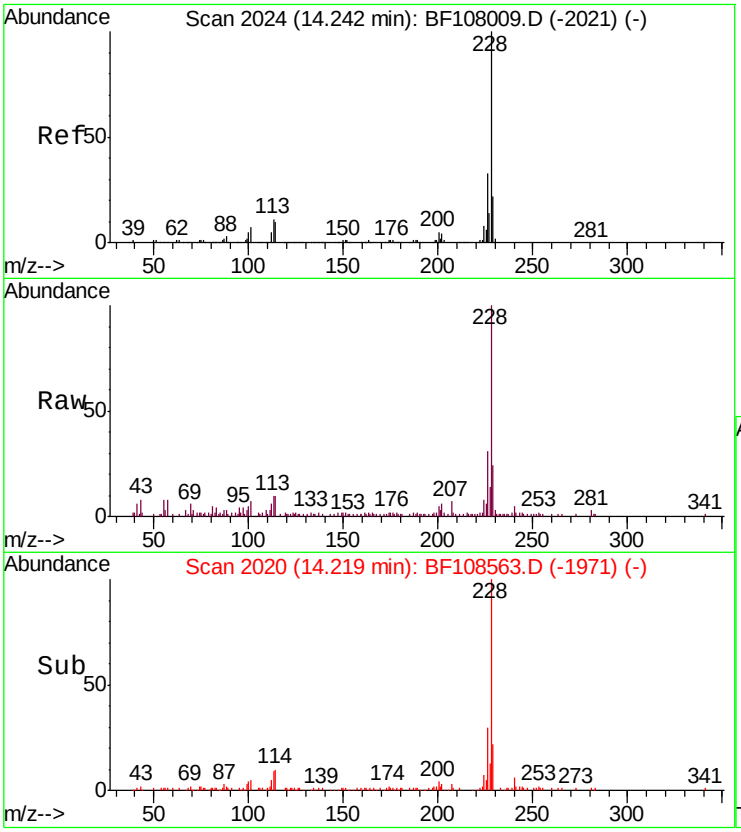


#80
Benzo(a)anthracene
Concen: 2.673 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Tgt Ion:228 Resp: 46554

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	22.8	15.8	23.6



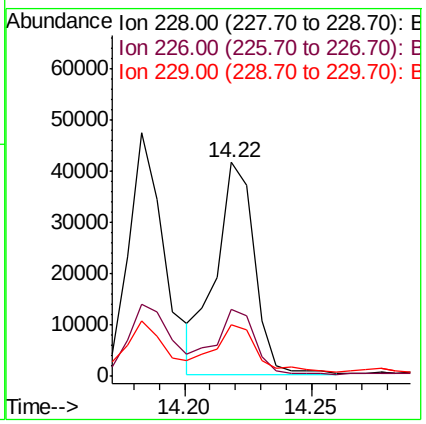


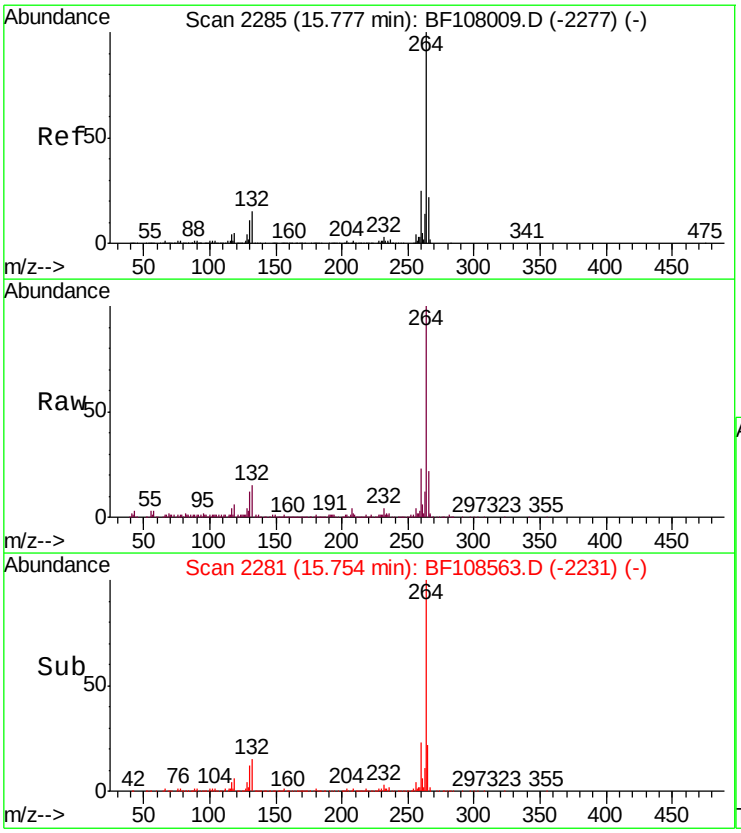
#82
Chrysene
Concen: 2.740 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Tgt Ion:228 Resp: 43742

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	24.2	16.2	24.4

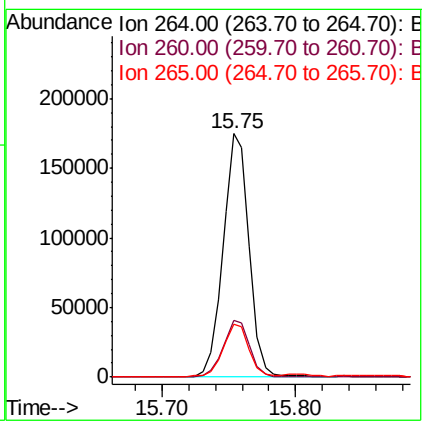


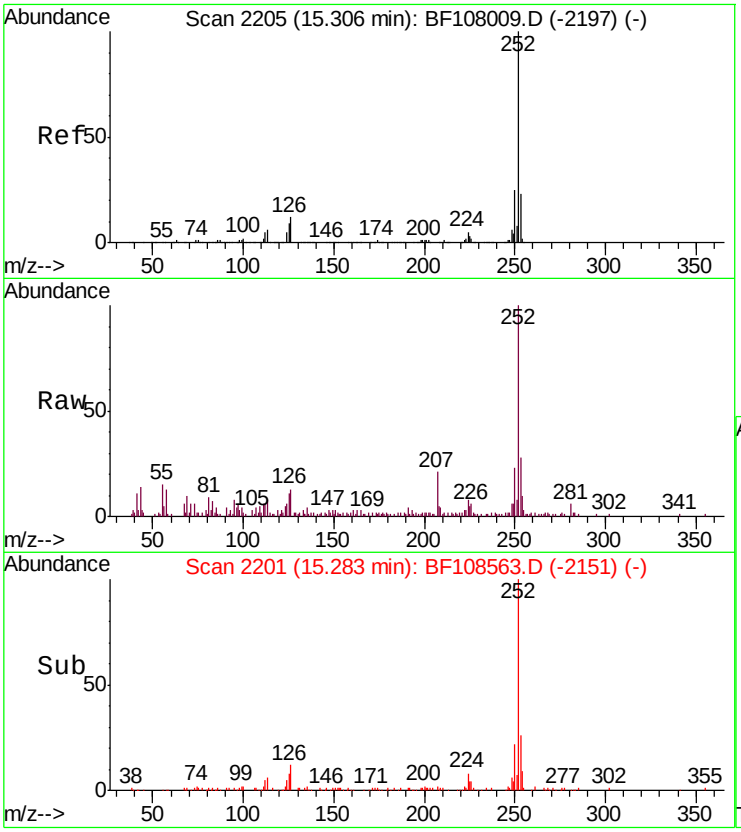


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Tgt Ion:264 Resp: 238214

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.5	26.3



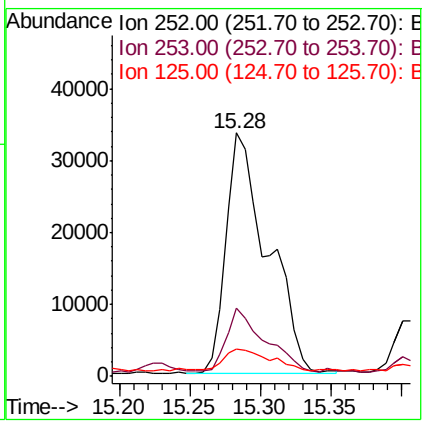


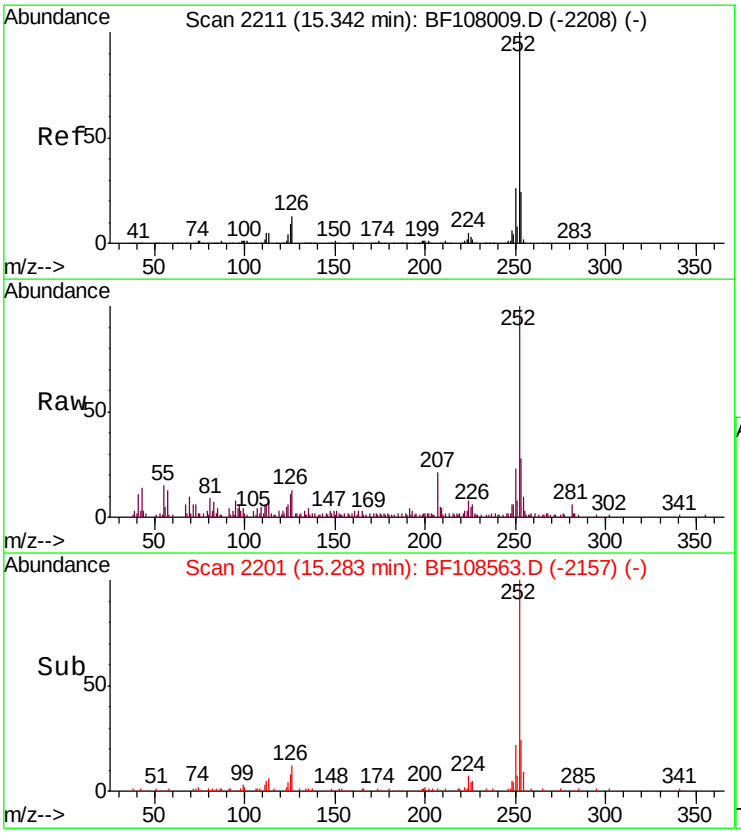
#87
Benzo(b)fluoranthene
Concen: 4.869 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Tgt Ion:252 Resp: 69303

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.0	25.6#
125	11.3	9.0	13.6

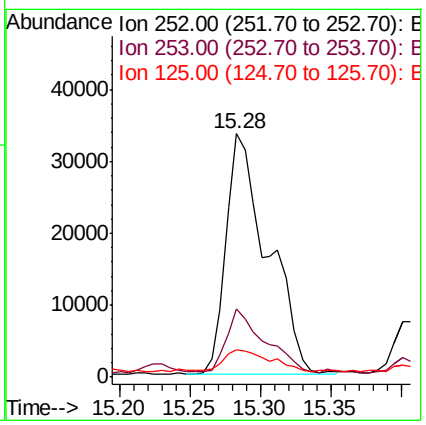


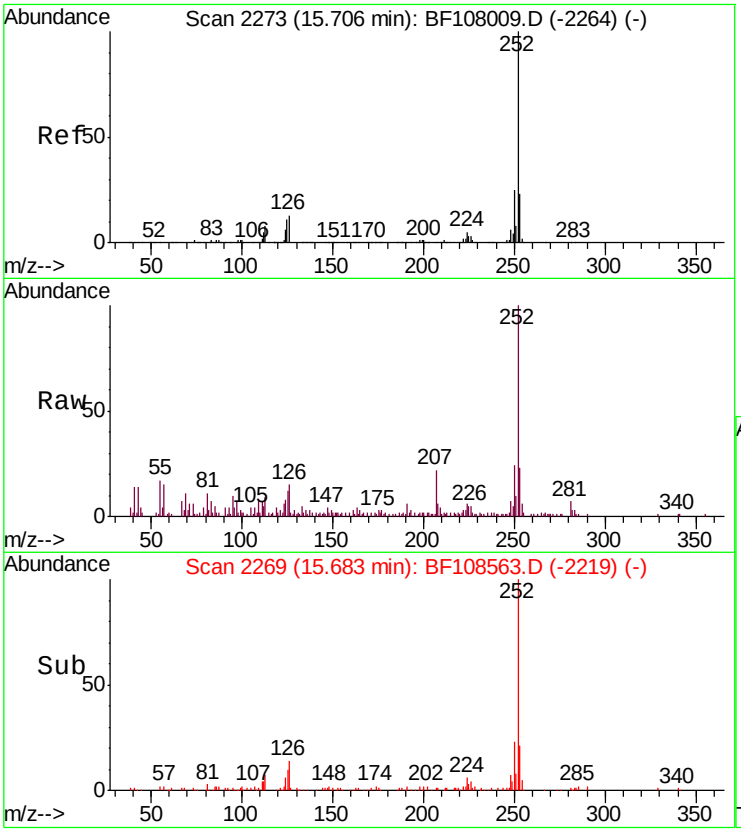


#88
Benzo(k)fluoranthene
Concen: 5.296 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Tgt Ion:252 Resp: 69303

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.9	26.9#
125	11.3	10.2	15.2



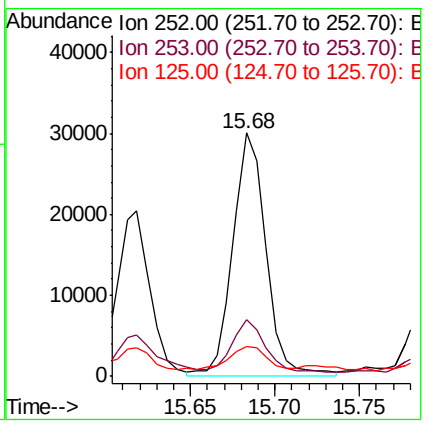


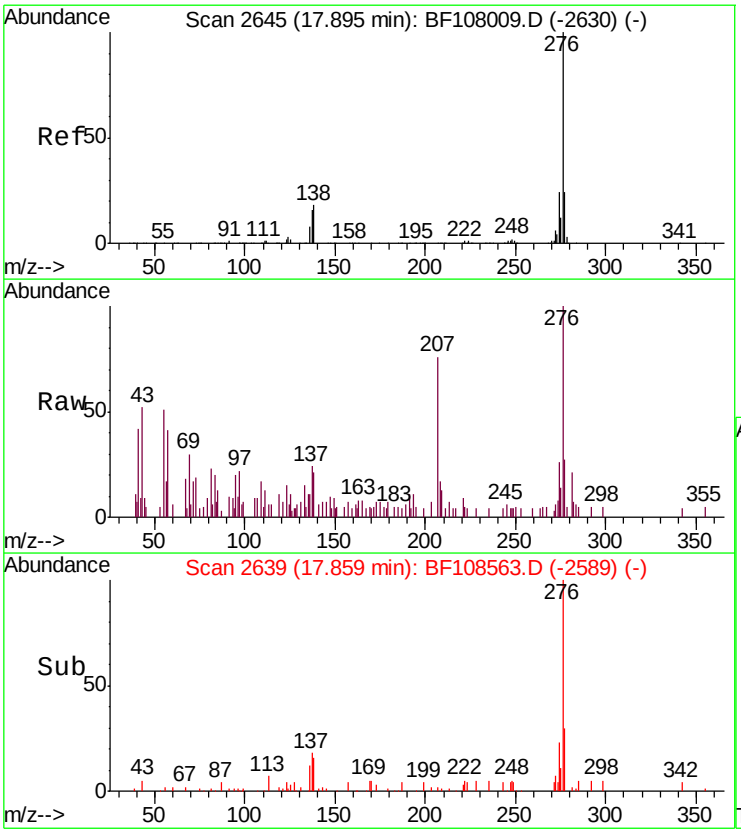
#89
Benzo(a)pyrene
Concen: 3.248 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Instrument :
BNA_F
ClientSampleId :
OR-01-082718-B

Tgt Ion:252 Resp: 41402

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	12.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.066 ng
RT: 17.86 min Scan# 2639
Delta R.T. -0.01 min
Lab File: BF108563.D
Acq: 28 Aug 2018 18:45

Tgt Ion:276 Resp: 21451

Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	21.3	21.8	32.8#