Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
Data File : BF108069.D
Acq On : 9 Aug 2018 23:46
Operator : JU/SJ
Sample : J4388-04 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2B

Quant Time: Aug 10 01:11:37 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	7.01	152	296679	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1092274	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	496873	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	817561	20.00	ng		0.00
75) Chrysene-d12	14.21	240	724664	20.00	ng		0.00
86) Perylene-d12	15.78	264	543962	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	841922	51.38	ng		0.00
7) Phenol-d6	6.62	99	1123185	51.58	ng		0.00
23) Nitrobenzene-d5	7.57	82	705639	36.05	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	210133	42.40	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1137727	36.76	ng		0.00
78) Terphenyl-d14	13.14	244	924417	32.43	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	95009	6.452	ng	#	85
25) Isophorone	7.57	82	705382	18.906	ng	#	64
31) Naphthalene	8.32	128	127093	2.559	ng		99
32) Benzoic acid	8.06	122	1461	6.108	ng	#	38
49) Dimethylphthalate	9.77	163	158908	4.591	ng	#	98
55) 4-Nitrophenol	10.27	139	20507	3.418	ng	#	11
56) 2,4-Dinitrotoluene	10.06	165	65170	6.992	ng	#	23
57) Fluorene	10.61	166	67054	2.085	ng		96
64) 4,6-Dinitro-2-methylphenol	10.85	198	420	5.480	ng	#	1
70) Phenanthrene	11.58	178	361415	9.372	ng		98
71) Anthracene	11.64	178	150397	3.805	ng		97
74) Fluoranthene	12.78	202	339653	8.071	ng		95
77) Pyrene	13.01	202	283290	6.175	ng		98
80) Benzo(a)anthracene	14.20	228	160894	3.869	ng		97
82) Chrysene	14.24	228	130448	3.421	ng		96
87) Benzo(b)fluoranthene	15.30	252	171071	5.263	ng	#	94
88) Benzo(k)fluoranthene	15.30	252	171071	5.725	ng		96
89) Benzo(a)pyrene	15.70	252	82955	2.850	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
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QLast Update : Wed Aug 08 12:24:24 2018
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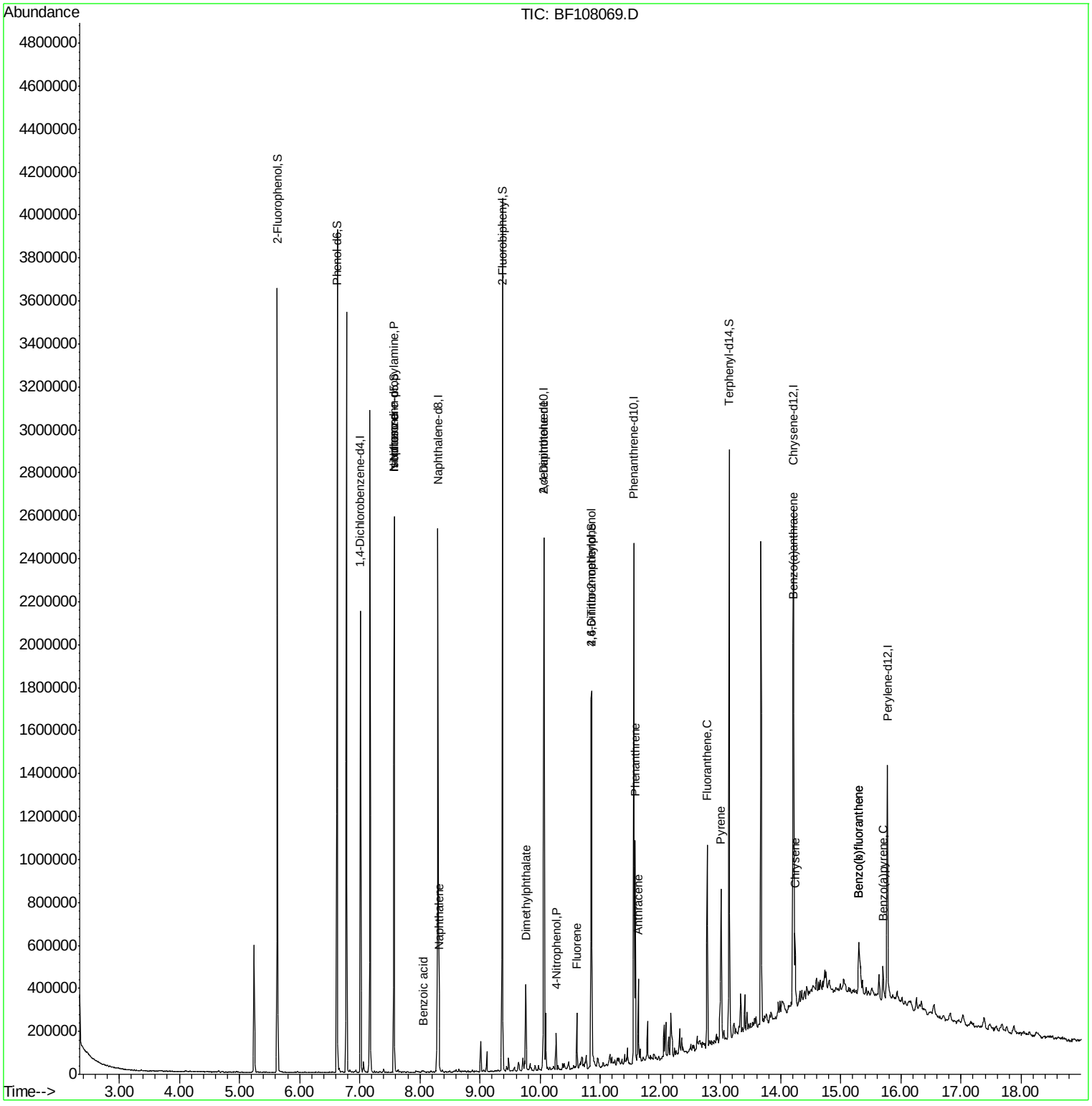
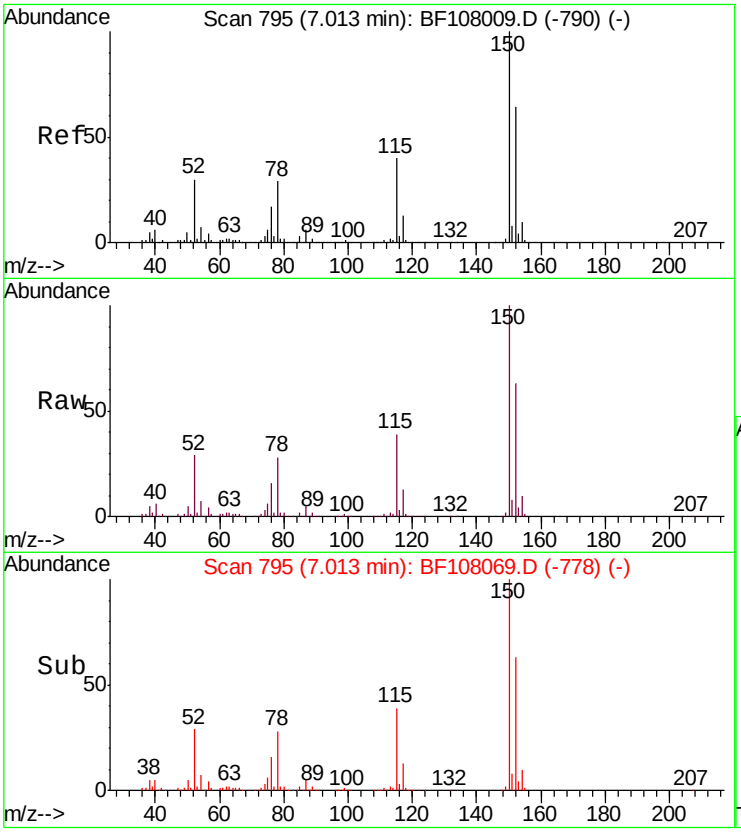


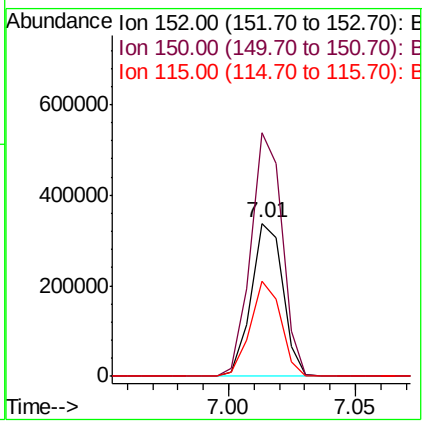


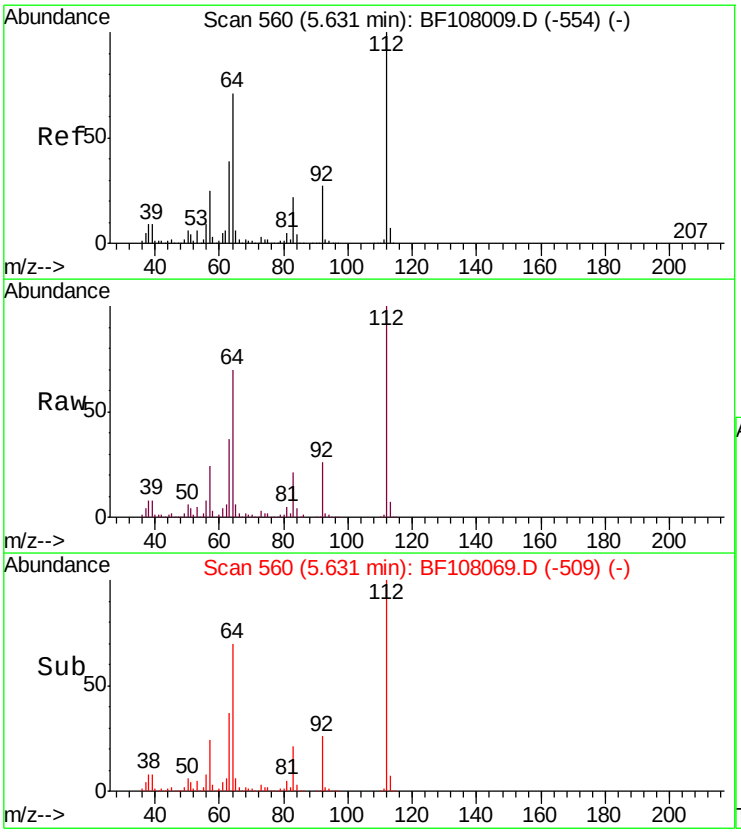
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:152 Resp: 296679

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	62.2	50.1	75.1

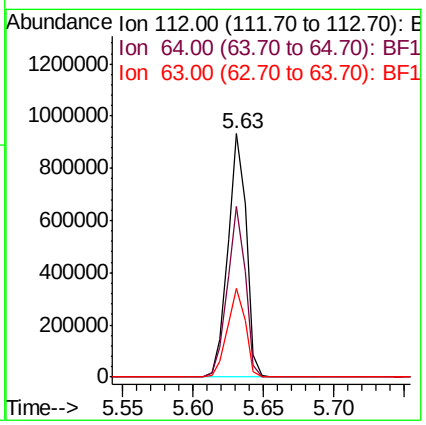


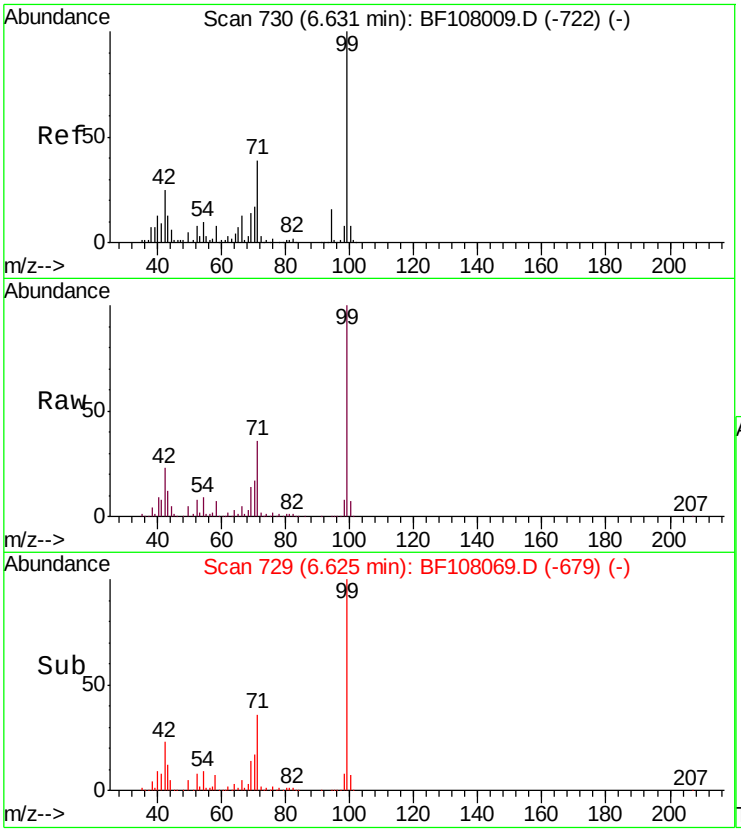


#5
2-Fluorophenol
Concen: 51.377 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:112 Resp: 841922

Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	36.7	23.7	35.5#



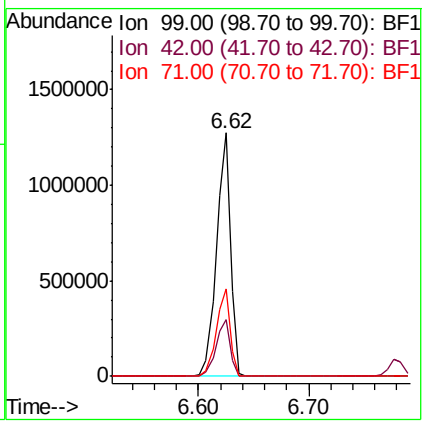


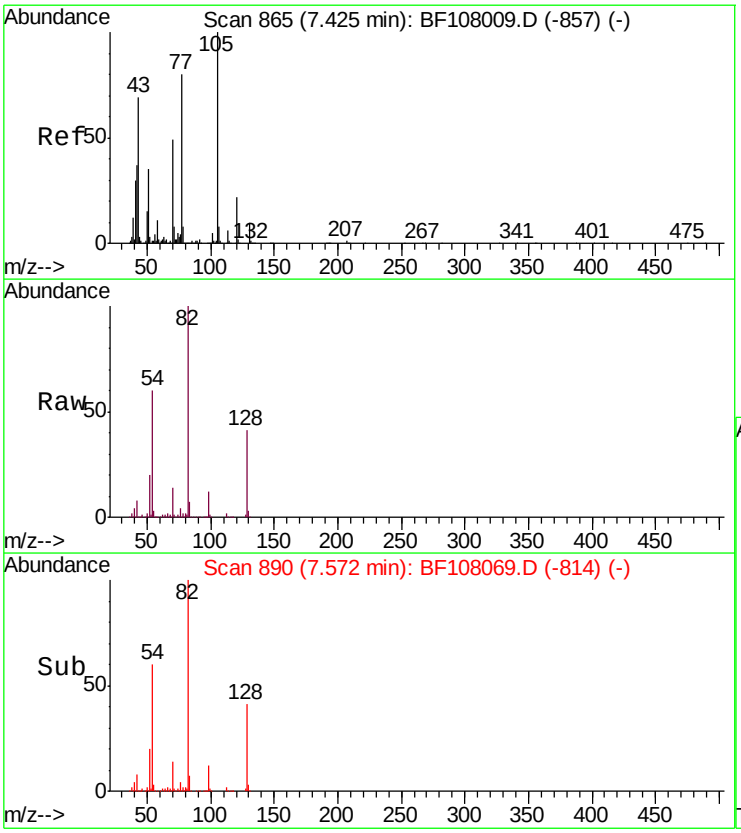
#7
Phenol-d6
Concen: 51.579 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion: 99 Resp: 1123185

Ion	Ratio	Lower	Upper
99	100		
42	23.4	14.5	21.7#
71	36.0	25.4	38.0

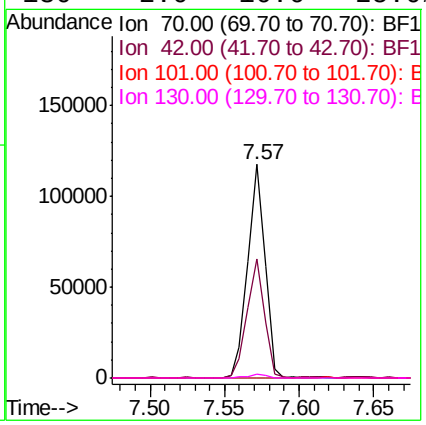


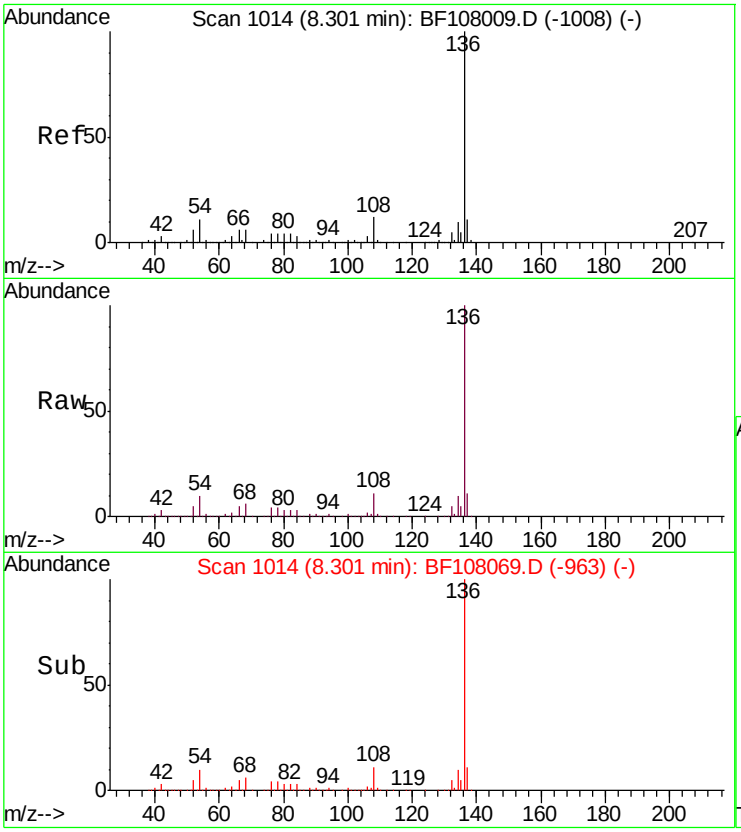


#19
n-Nitroso-di-n-propylamine
Concen: 6.452 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.15 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion: 70 Resp: 95009

Ion	Ratio	Lower	Upper
70	100		
42	55.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



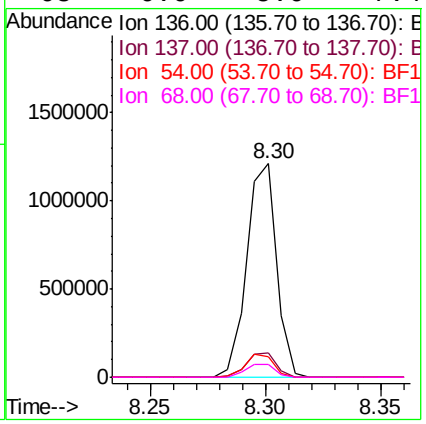


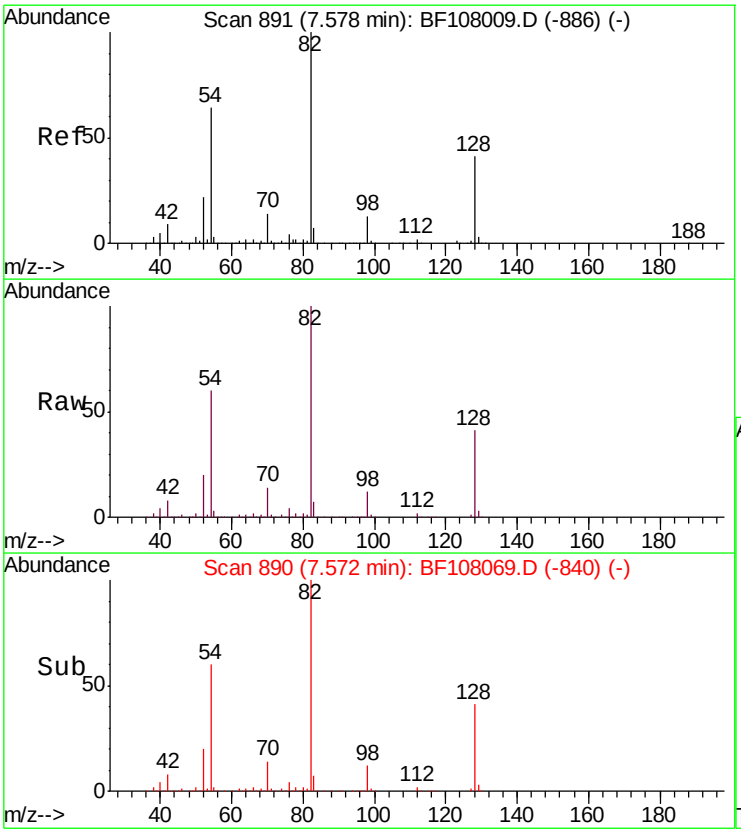
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:136 Resp: 1092274

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.7	6.6	9.8
68	6.0	5.0	7.4

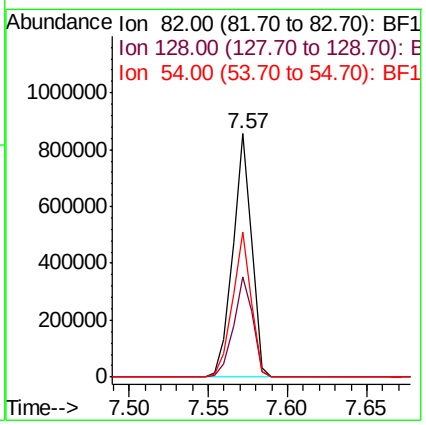


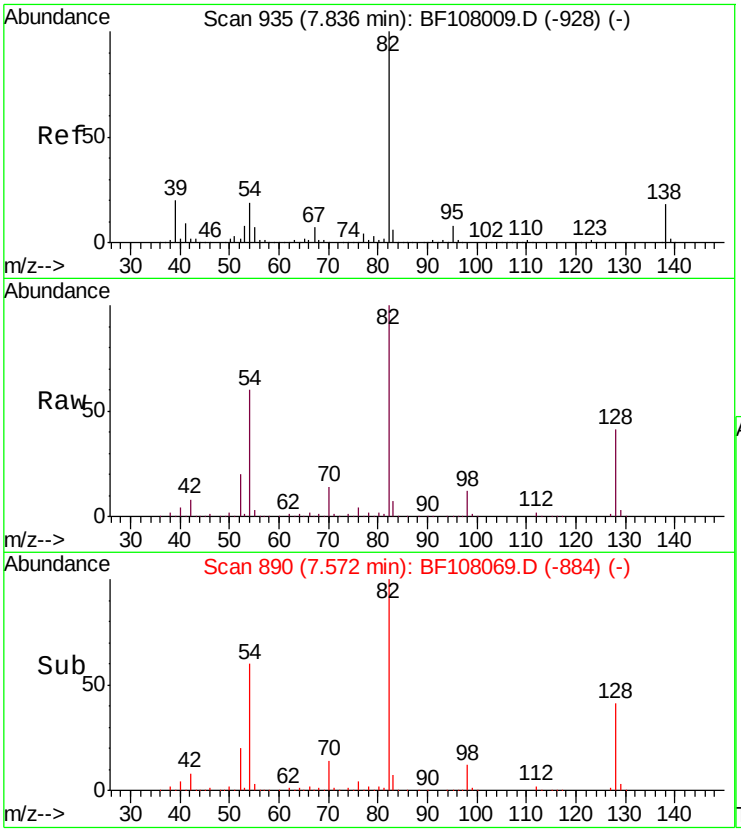


#23
Nitrobenzene-d5
Concen: 36.049 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion: 82 Resp: 705639

Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	59.6	41.4	62.2



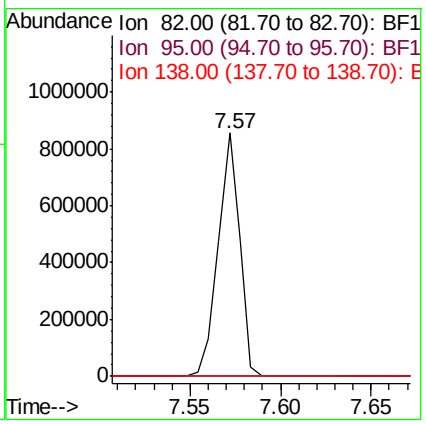


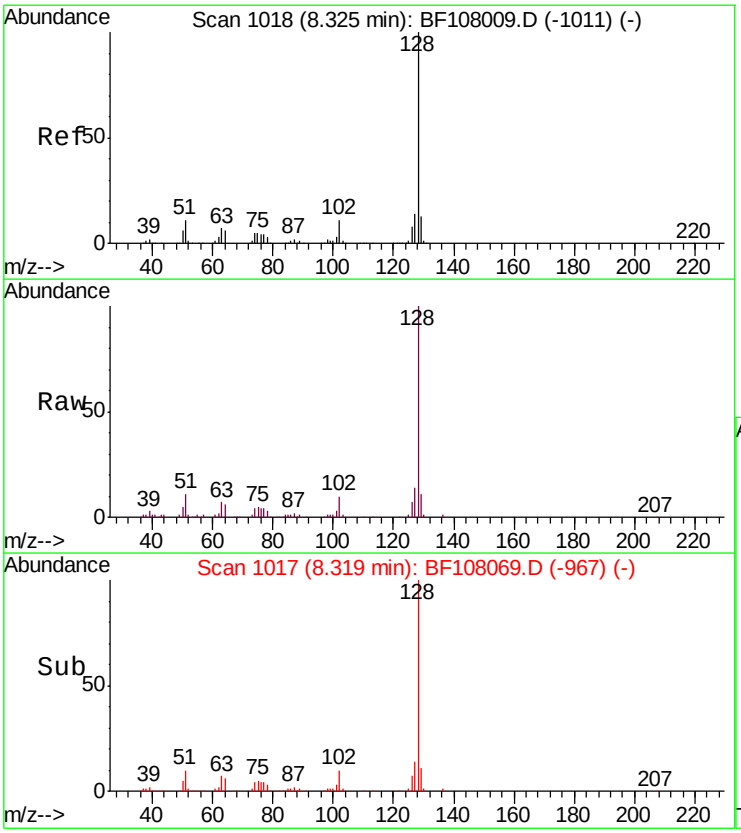
#25
Isophorone
Concen: 18.906 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion: 82 Resp: 705382

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

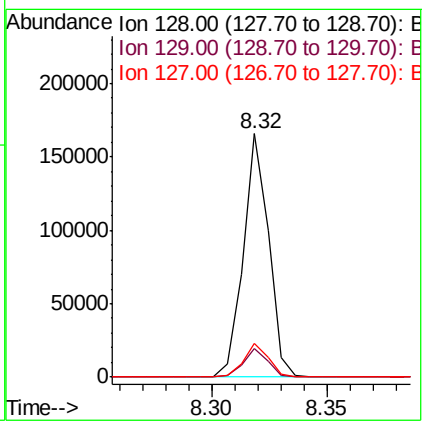


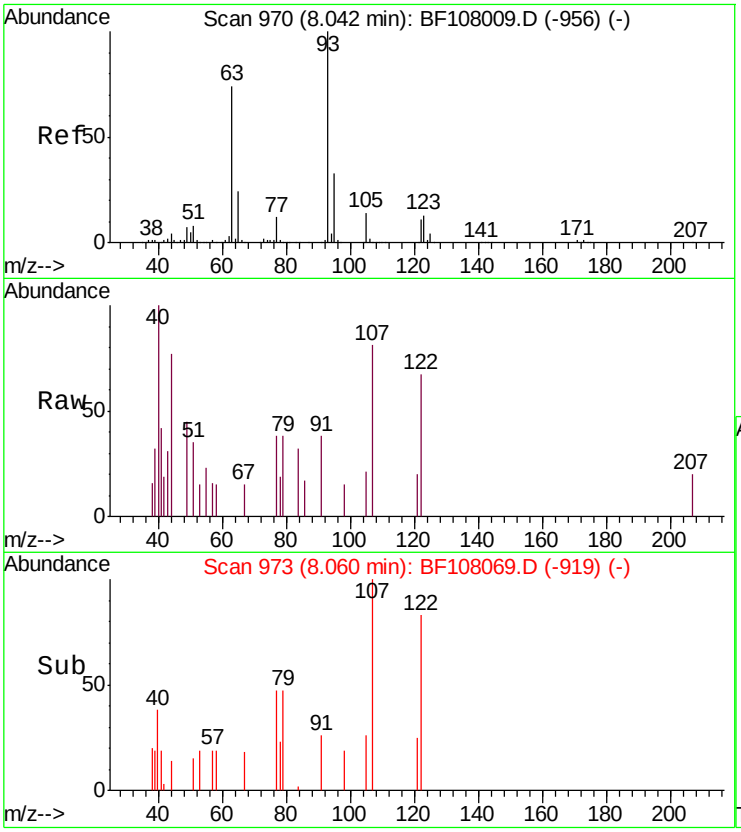


#31
Naphthalene
Concen: 2.559 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:128 Resp: 127093

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.6	10.9	16.3



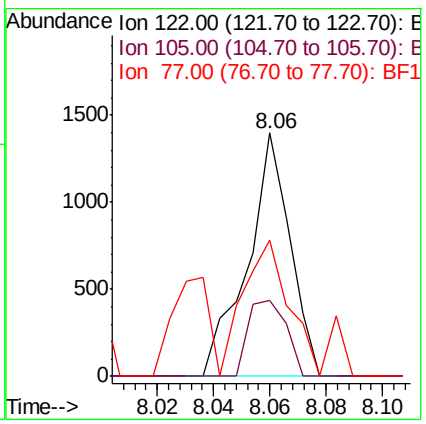


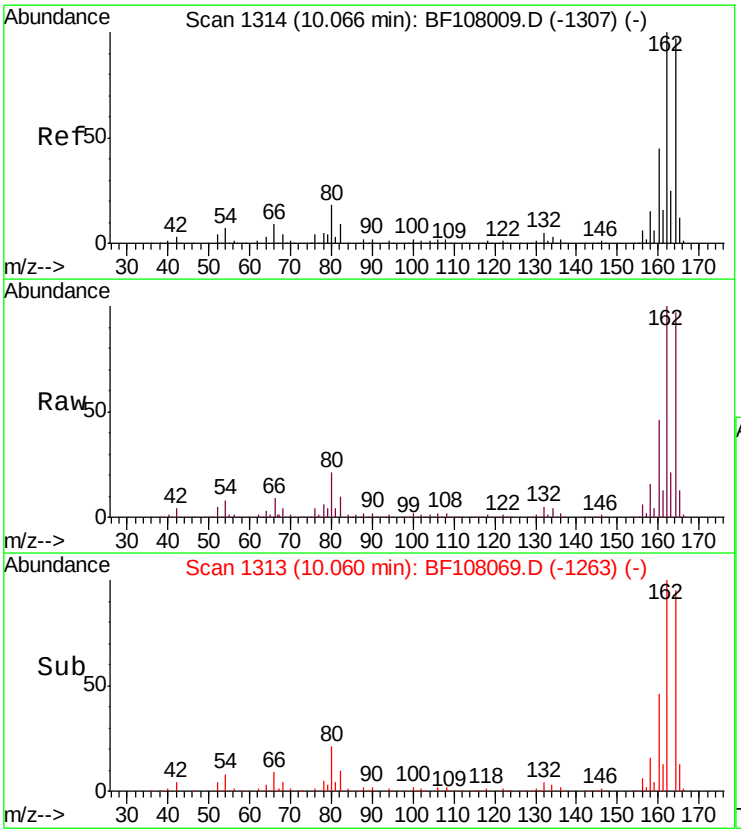
#32
Benzoic acid
Concen: 6.108 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:122 Resp: 1461

Ion	Ratio	Lower	Upper
122	100		
105	31.4	101.1	141.1#
77	56.1	70.7	110.7#

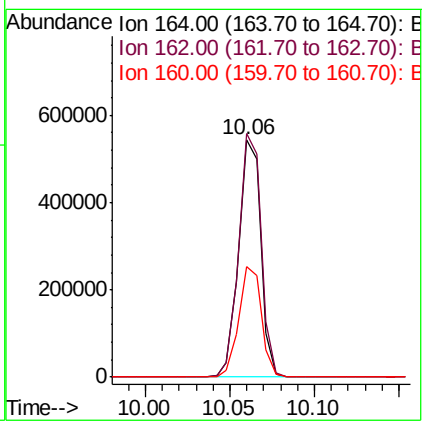


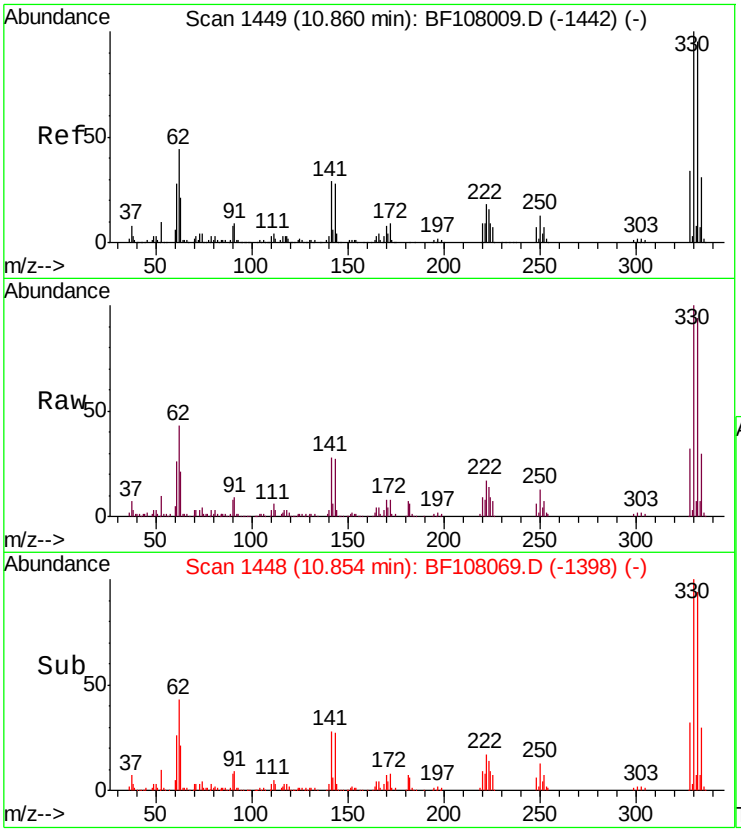


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:164 Resp: 496873

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.8	38.3	57.5



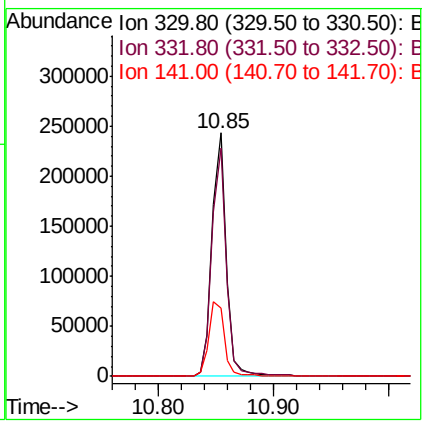


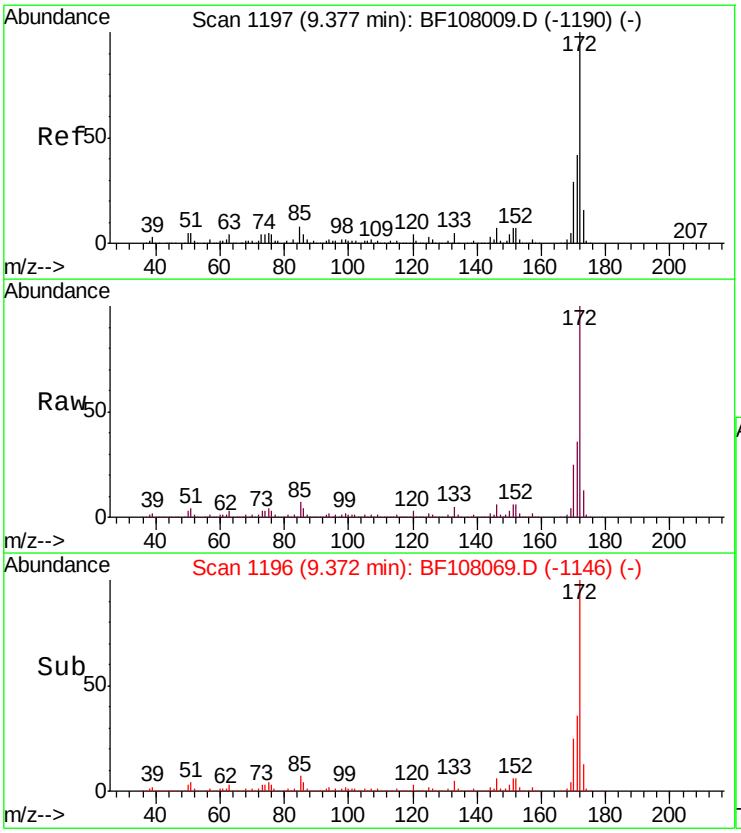
#41
2,4,6-Tribromophenol
Concen: 42.398 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:330 Resp: 210133

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.3	29.9	44.9

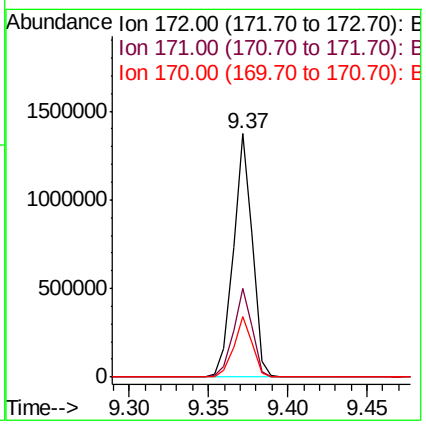


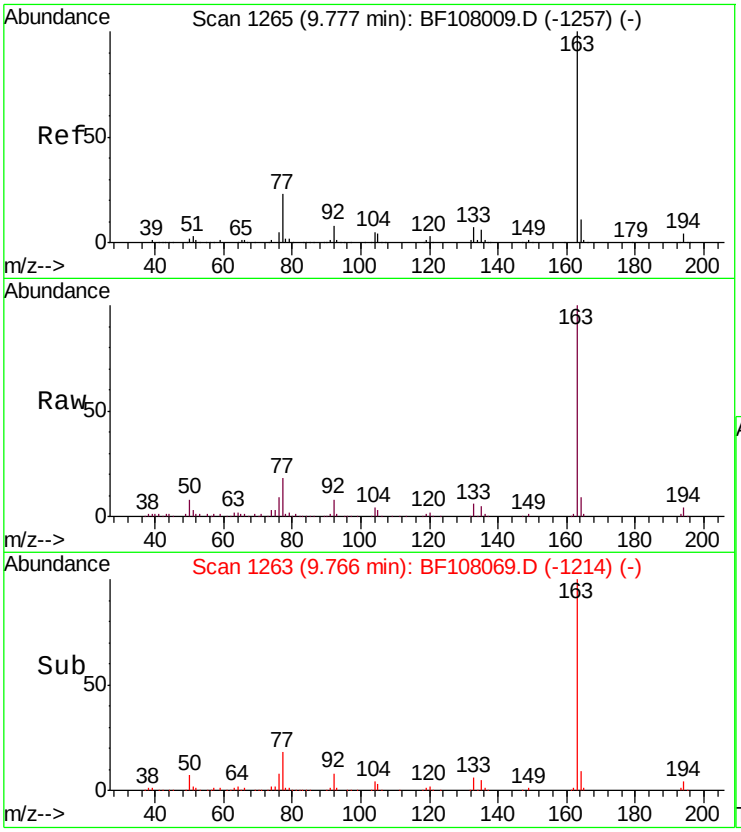


#44
2-Fluorobiphenyl
Concen: 36.762 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:172 Resp: 1137727

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	25.0	19.6	29.4



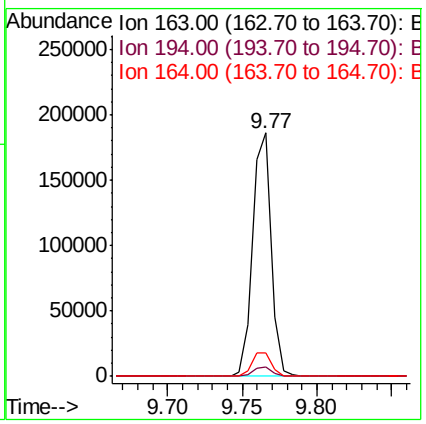


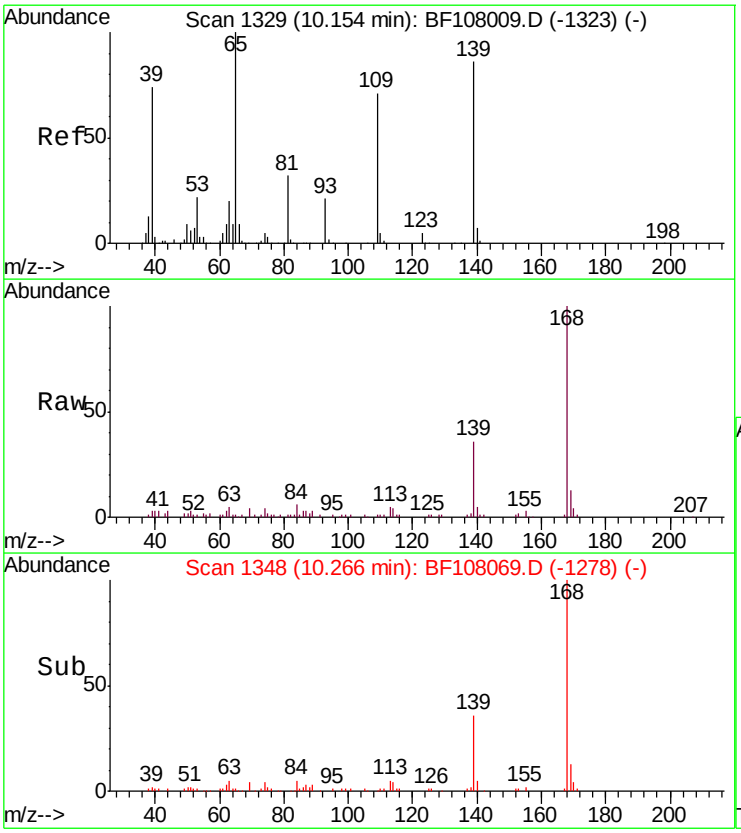
#49
Dimethylphthalate
Concen: 4.591 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:163 Resp: 158908

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.5	8.2	12.2

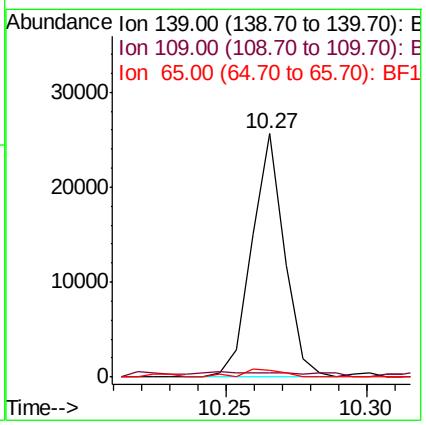


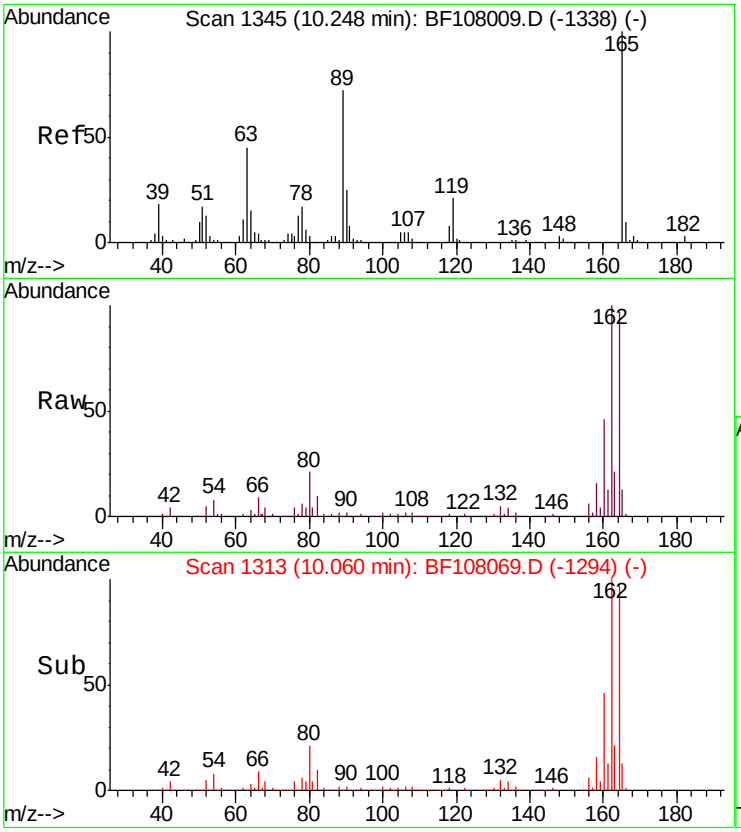


#55
4-Nitrophenol
Concen: 3.418 ng
RT: 10.27 min Scan# 1348
Delta R.T. 0.11 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:139 Resp: 20507

Ion	Ratio	Lower	Upper
139	100		
109	2.0	48.4	88.4#
65	2.8	72.6	112.6#



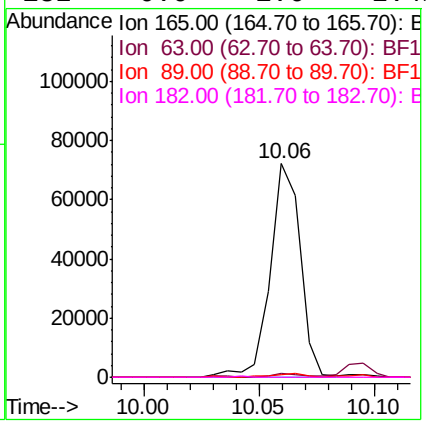


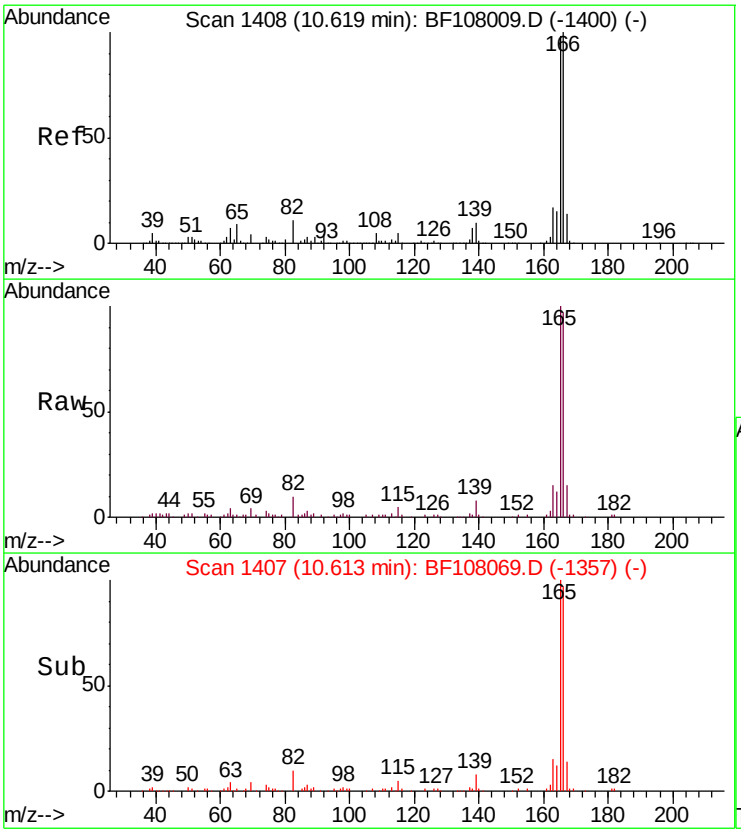
#56
2,4-Dinitrotoluene
Concen: 6.992 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:165 Resp: 65170

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

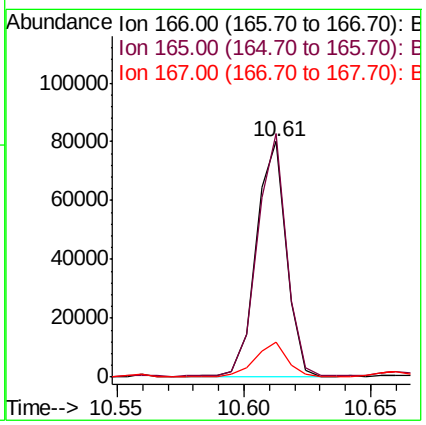


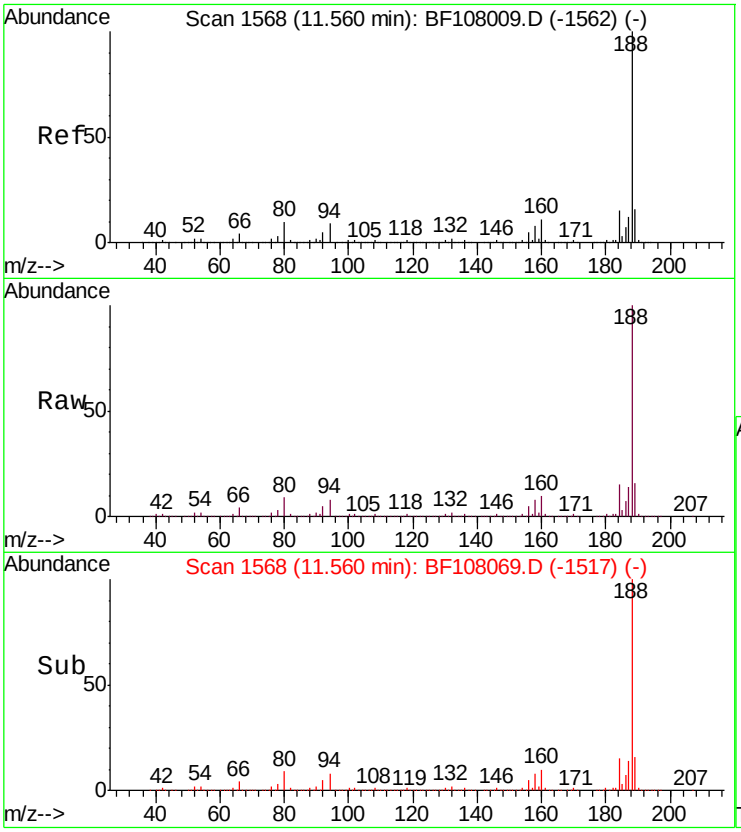


#57
Fluorene
Concen: 2.085 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:166 Resp: 67054

Ion	Ratio	Lower	Upper
166	100		
165	103.4	79.8	119.8
167	15.0	10.6	16.0



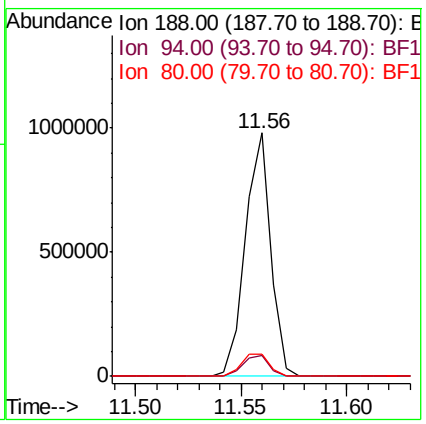


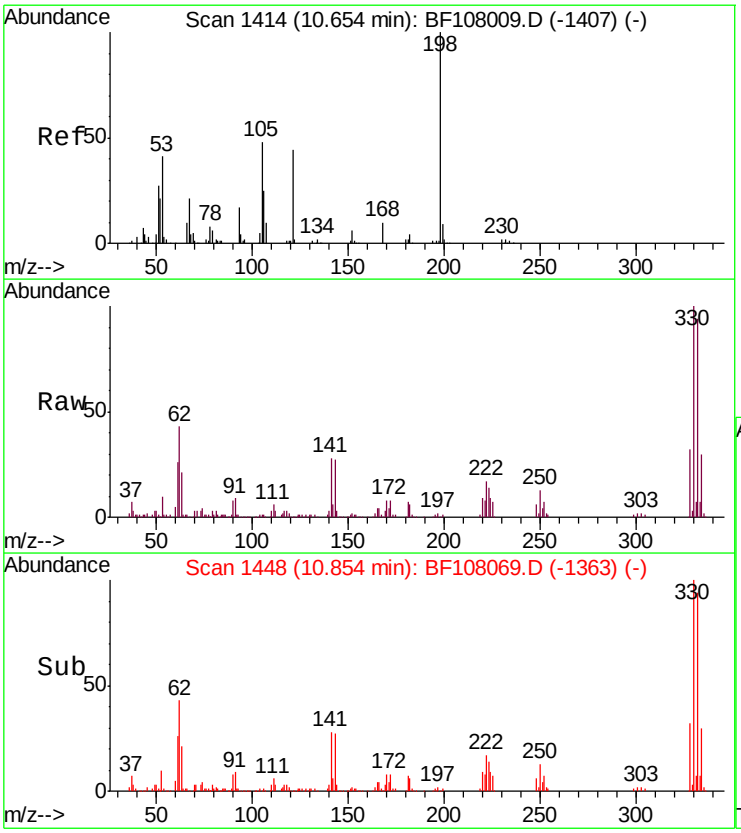
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:188 Resp: 817561

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.3	9.2	13.8

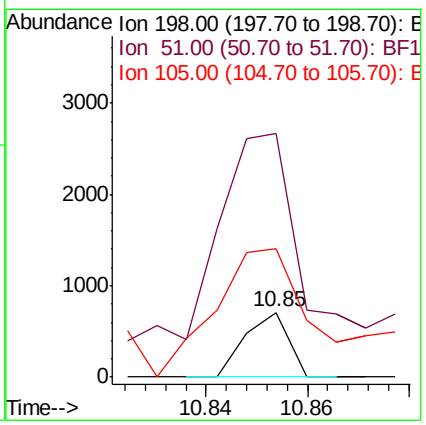


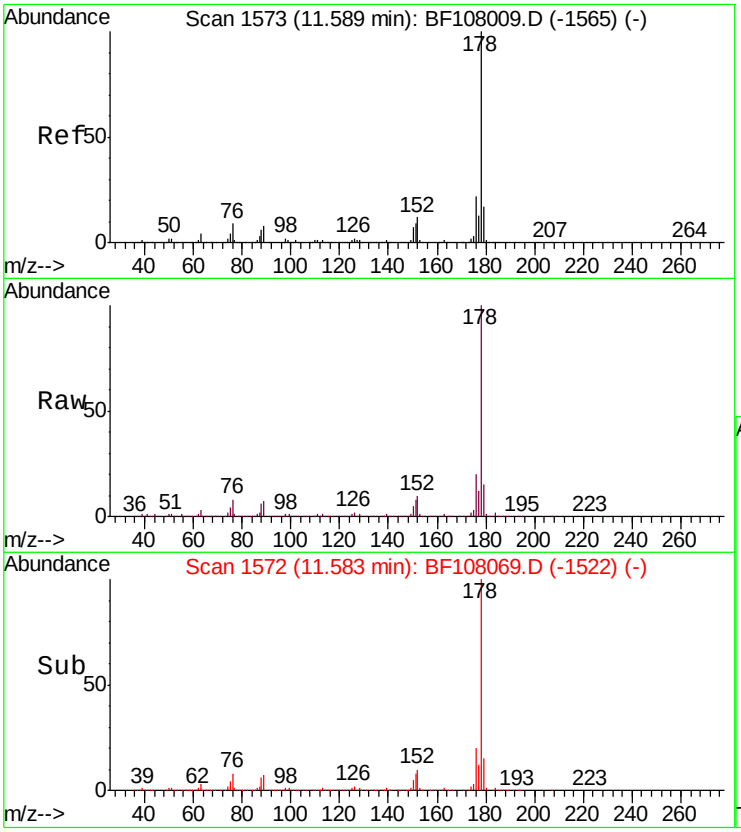


#64
4,6-Dinitro-2-methylphenol
Concen: 5.480 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:198 Resp: 420

Ion	Ratio	Lower	Upper
198	100		
51	378.2	37.7	77.7#
105	199.4	36.3	76.3#



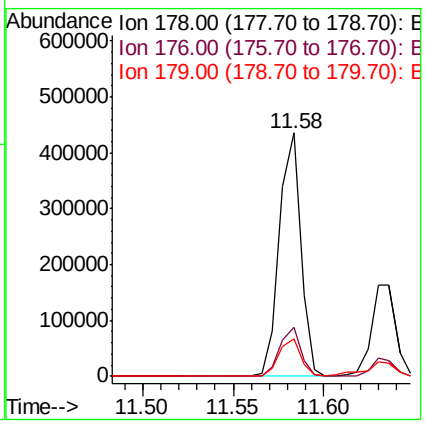


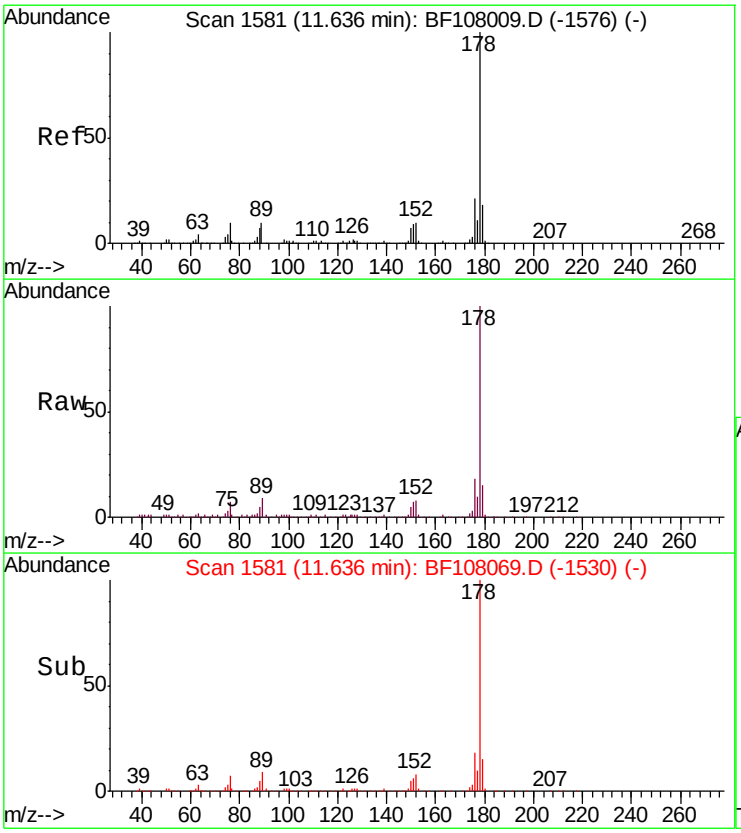
#70
Phenanthrene
Concen: 9.372 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:178 Resp: 361415

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.2	13.0	19.6

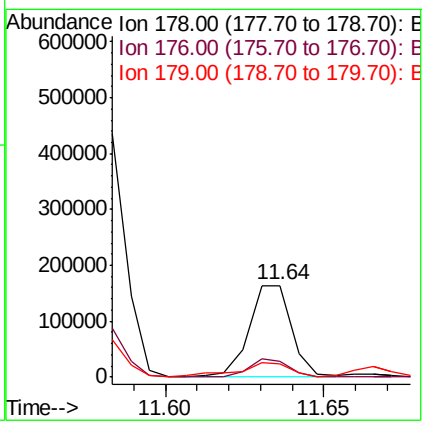


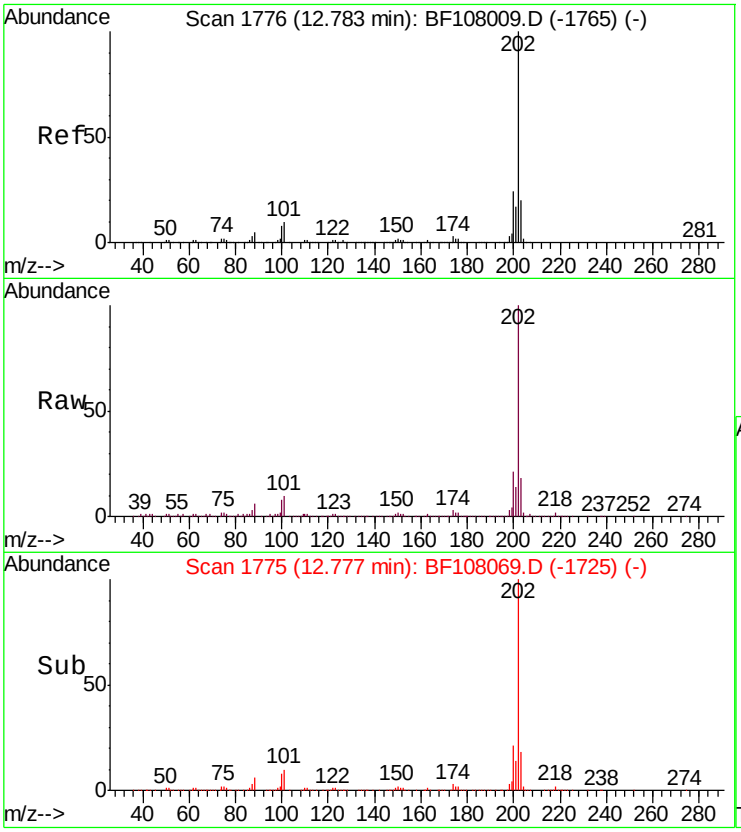


#71
Anthracene
Concen: 3.805 ng
RT: 11.64 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:178 Resp: 150397

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.2
179	15.0	12.6	19.0



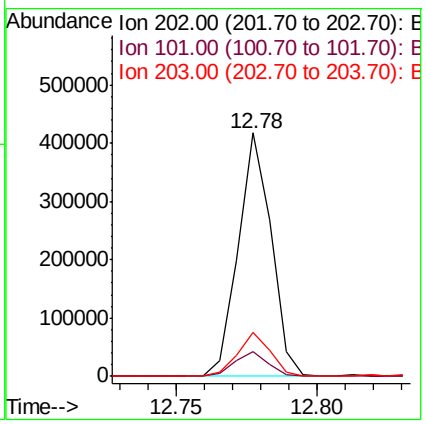


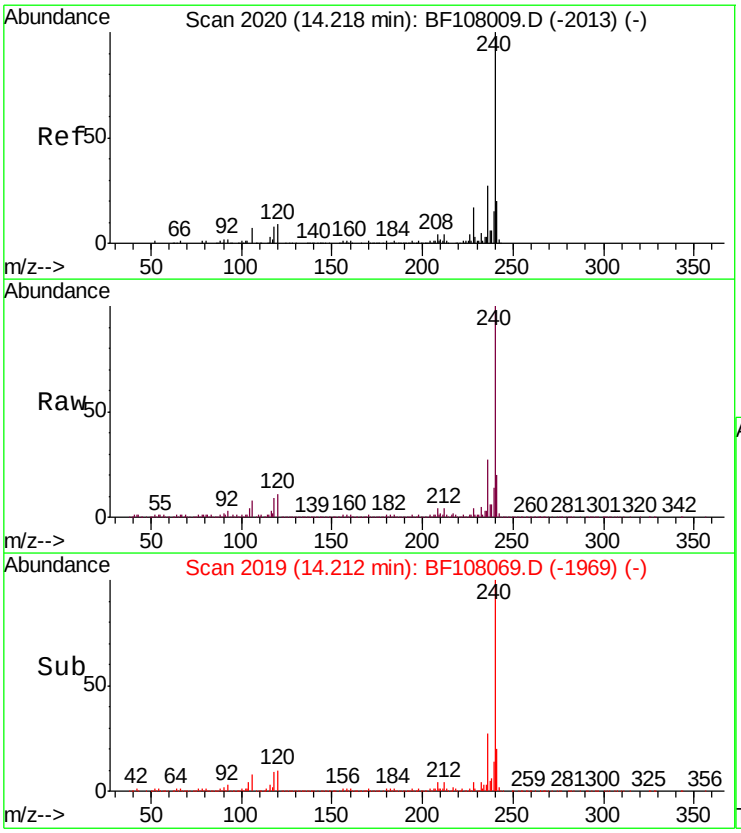
#74
Fluoranthene
Concen: 8.071 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:202 Resp: 339653

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	17.8	0.0	38.1

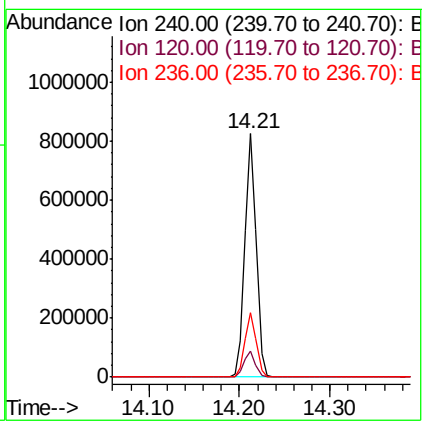


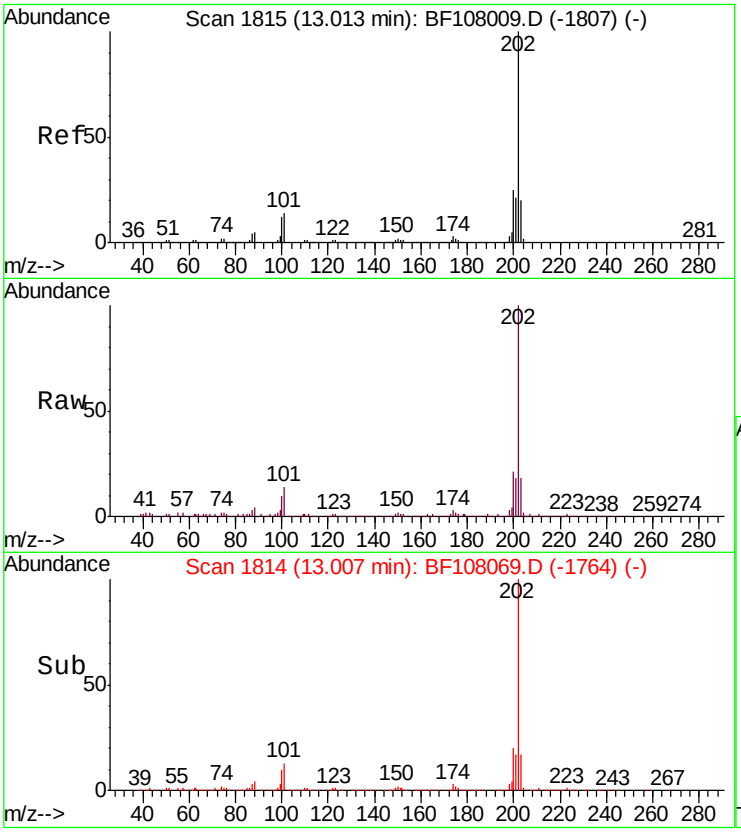


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:240 Resp: 724664

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.7	20.7	31.1



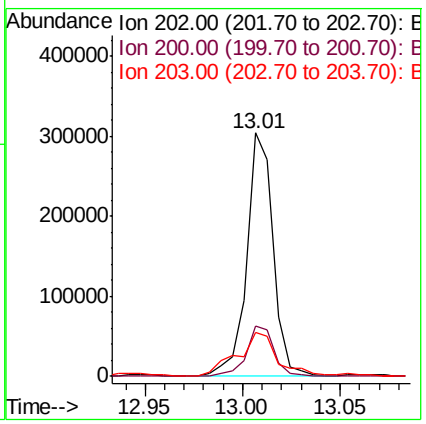


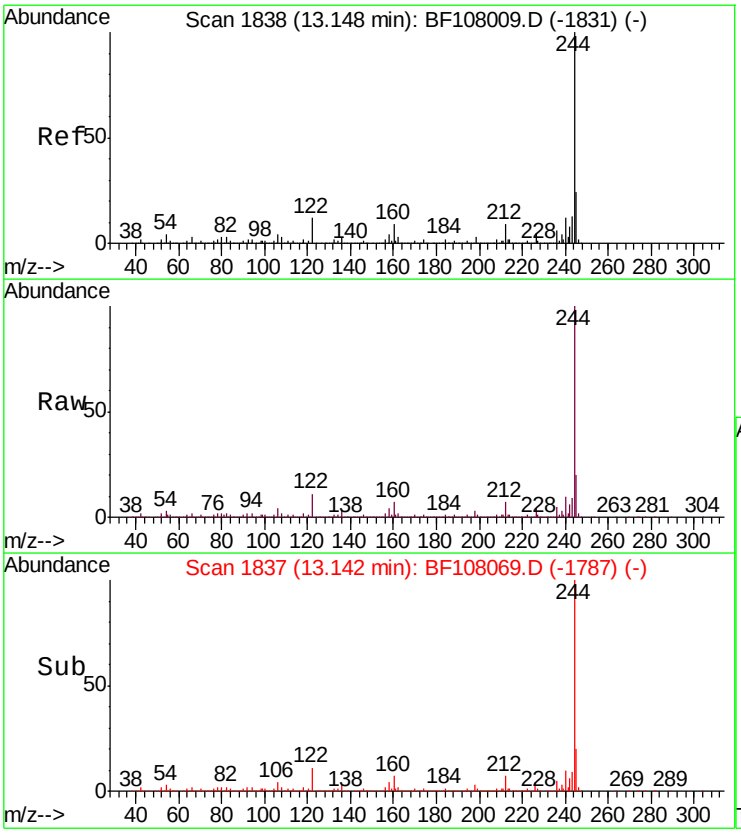
#77
Pyrene
Concen: 6.175 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:202 Resp: 283290

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	18.1	14.3	21.5

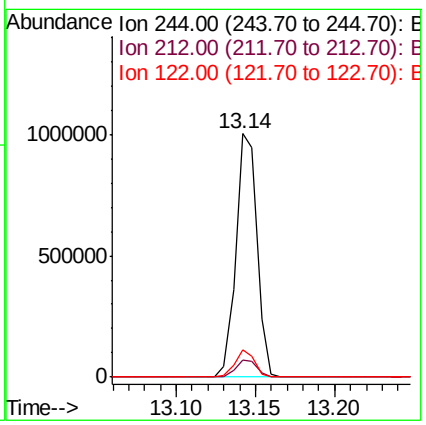


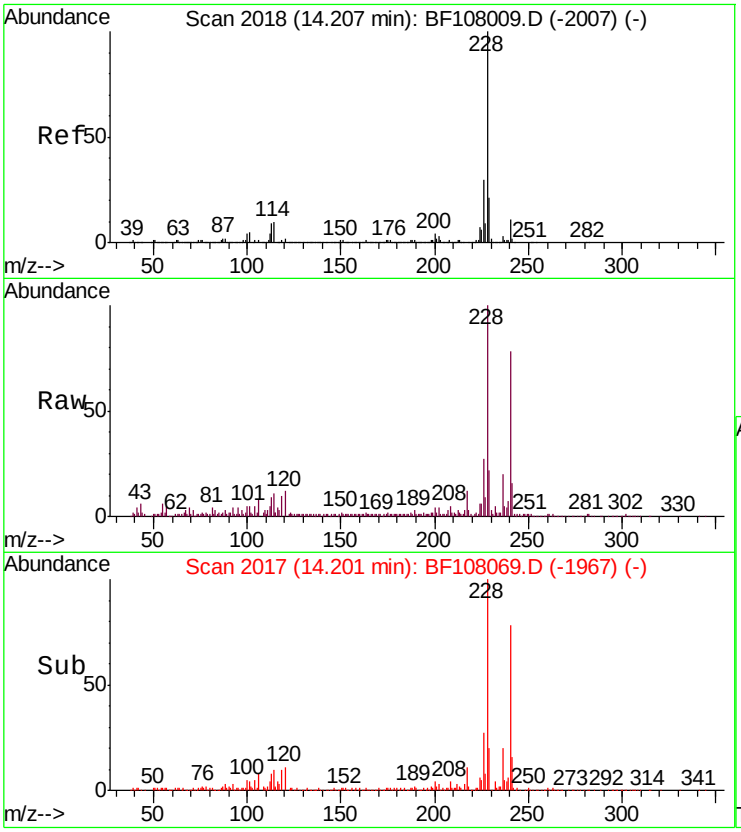


#78
Terphenyl-d14
Concen: 32.434 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:244 Resp: 924417

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.0	11.0	16.4



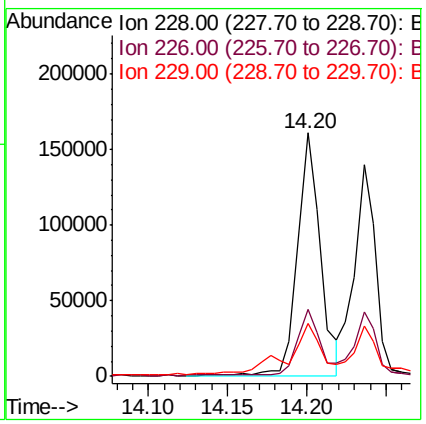


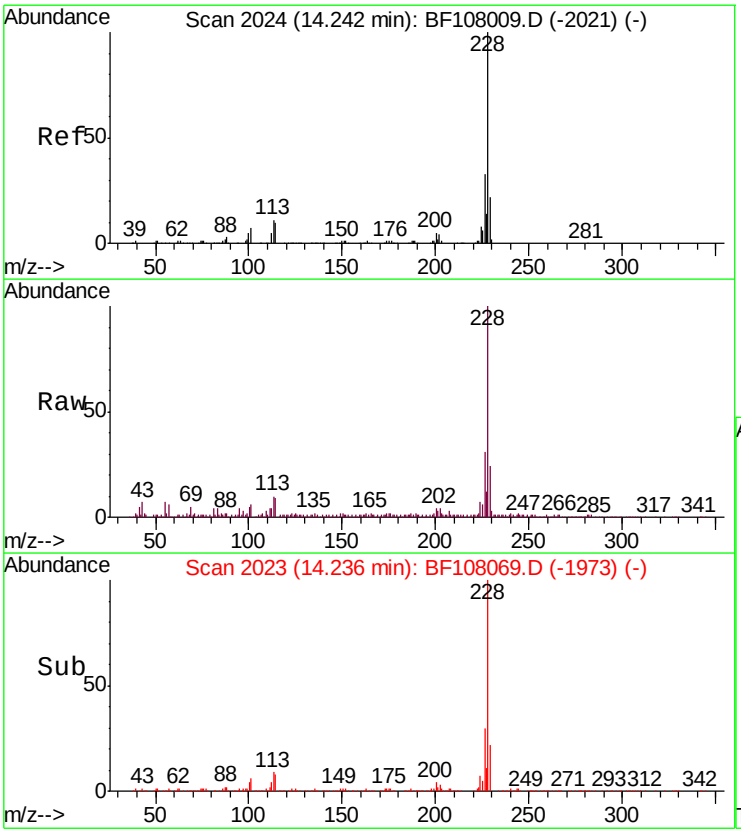
#80
Benzo(a)anthracene
Concen: 3.869 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:228 Resp: 160894

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	21.6	15.8	23.6

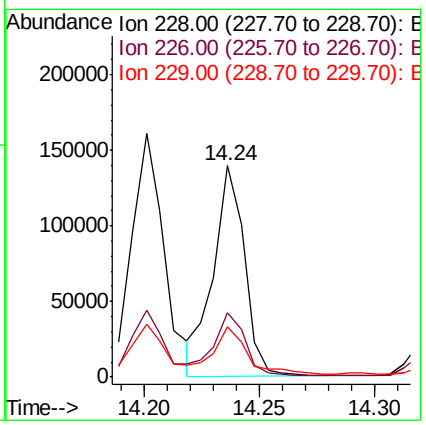


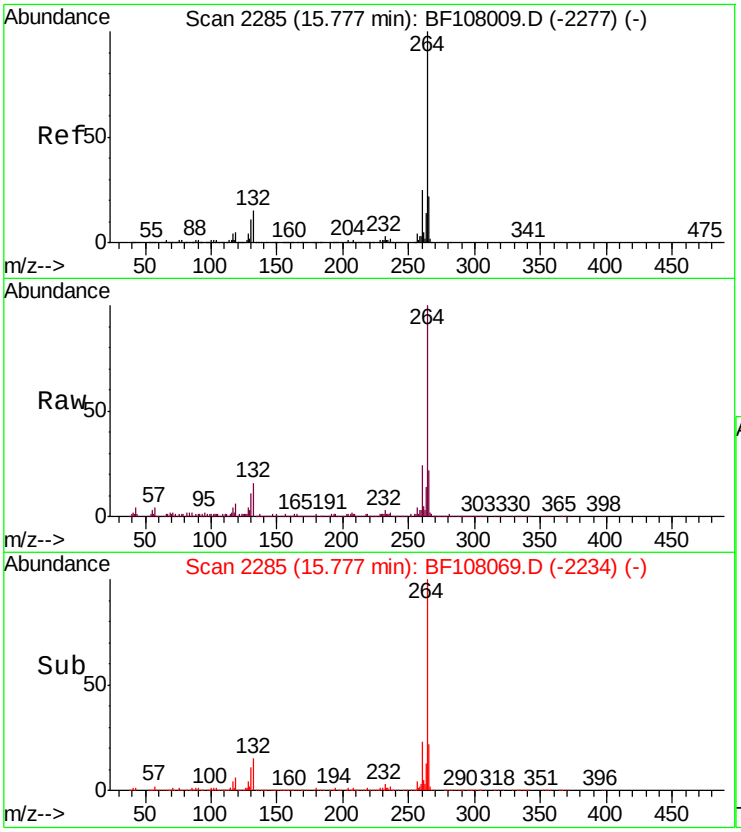


#82
Chrysene
Concen: 3.421 ng
RT: 14.24 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:228 Resp: 130448

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	23.6	16.2	24.4



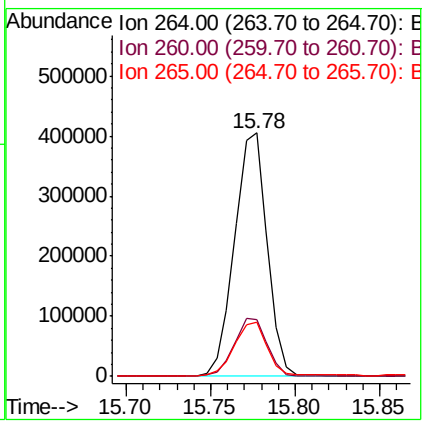


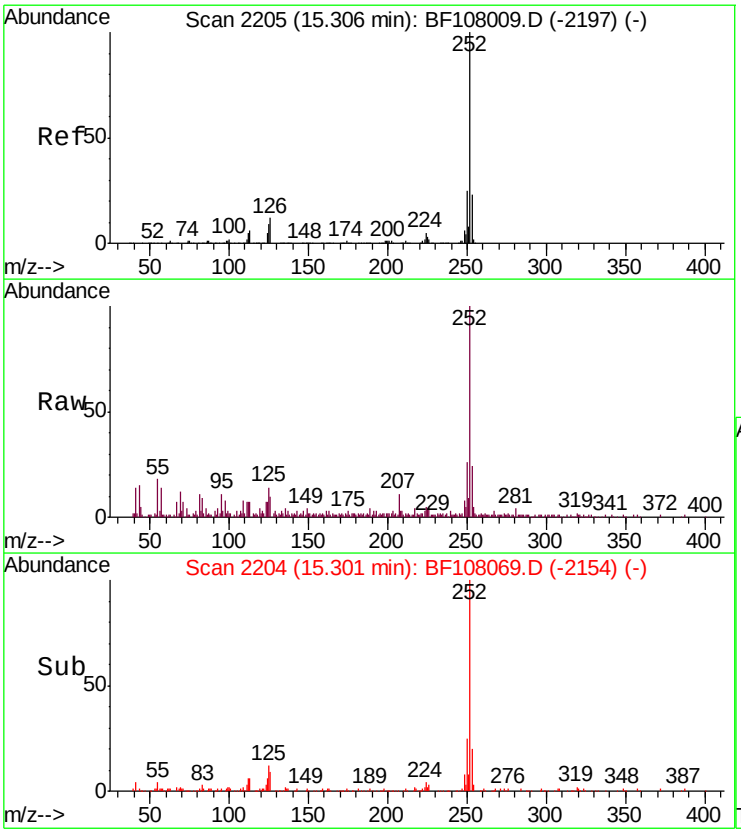
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:264 Resp: 543962

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.1	17.5	26.3

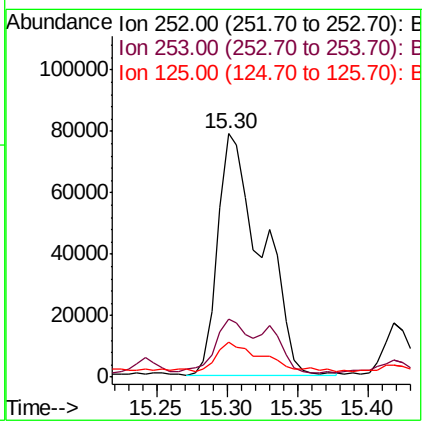


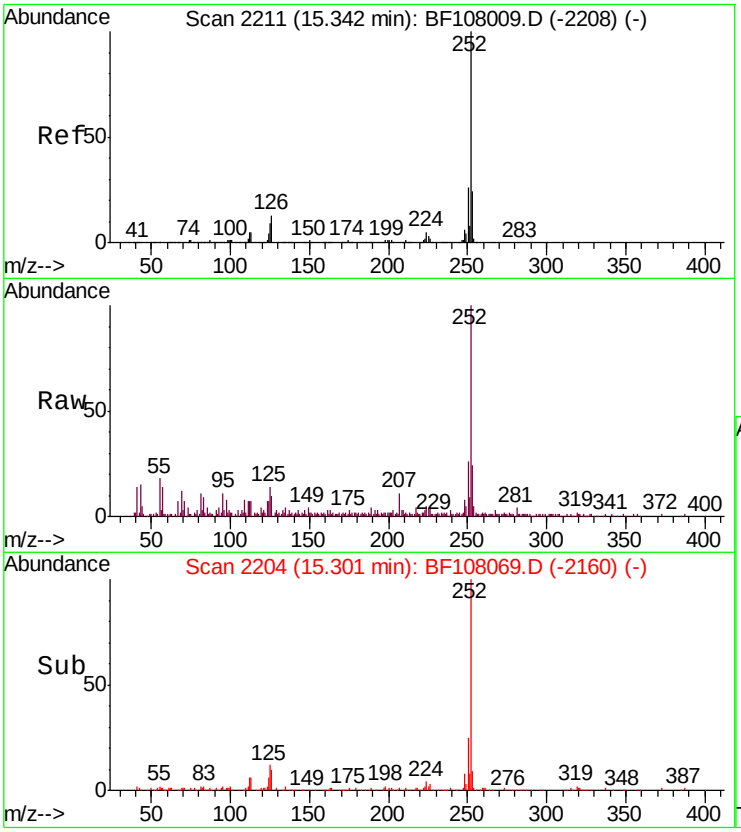


#87
Benzo(b)fluoranthene
Concen: 5.263 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:252 Resp: 171071

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	14.4	9.0	13.6#



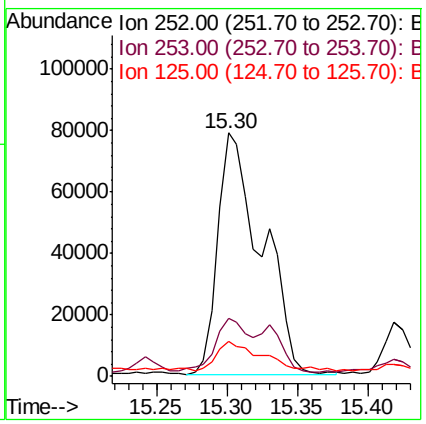


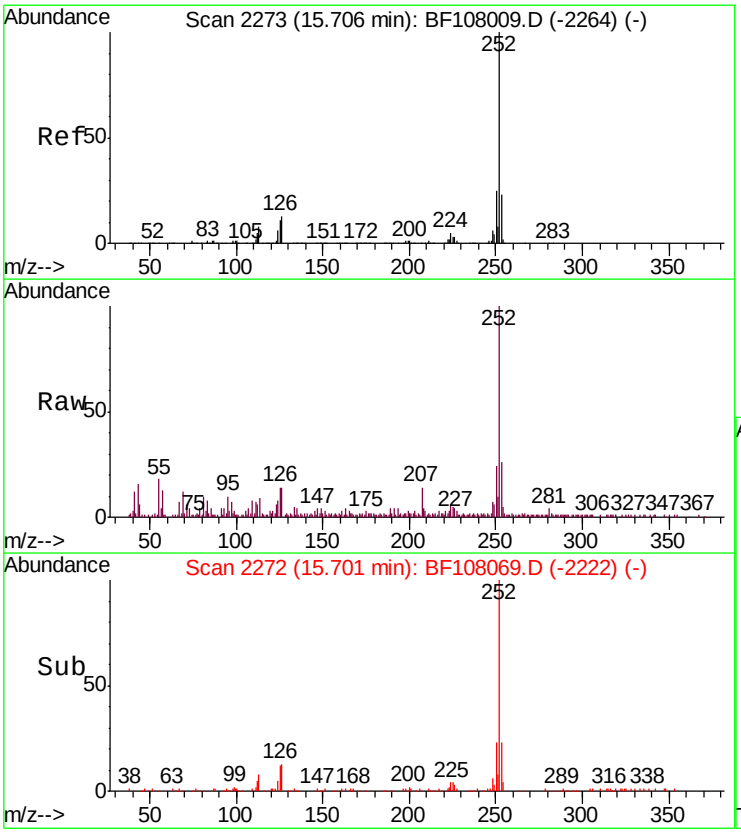
#88
Benzo(k)fluoranthene
Concen: 5.725 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Instrument :
BNA_F
ClientSampleId :
S-2B

Tgt Ion:252 Resp: 171071

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	14.4	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.850 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF108069.D
Acq: 9 Aug 2018 23:46

Tgt Ion:252 Resp: 82955

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	14.5	9.8	14.6