Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109289.D
Acq On : 25 Sep 2018 16:52
Operator : JU/SJ
Sample : J4774-11 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 26 02:25:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	124341	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	476254	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	214346	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	347299	20.00	ng	0.00
75) Chrysene-d12	13.84	240	289790	20.00	ng	0.00
86) Perylene-d12	15.25	264	236047	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	241865	32.04	ng	0.00
7) Phenol-d6	6.34	99	315767	32.78	ng	-0.02
23) Nitrobenzene-d5	7.26	82	193773	24.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	64234	30.40	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	387199	27.24	ng	-0.01
78) Terphenyl-d14	12.80	244	302878	25.65	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	25093	3.975	ng	# 79
25) Isophorone	7.26	82	160961	11.079	ng	# 64
48) Acenaphthylene	9.60	152	54368	2.583	ng	98
49) Dimethylphthalate	9.46	163	99233	6.365	ng	99
51) Acenaphthene	9.77	154	38036	2.989	ng	97
54) Dibenzofuran	9.95	168	46192	2.441	ng	# 97
55) 4-Nitrophenol	9.95	139	18221	6.764	ng	# 11
57) Fluorene	10.29	166	103672	7.678	ng	99
70) Phenanthrene	11.24	178	611289	35.252	ng	98
71) Anthracene	11.29	178	149201	8.483	ng	98
74) Fluoranthene	12.43	202	693217	37.408	ng	97
77) Pyrene	12.66	202	595557	28.676	ng	99
80) Benzo(a)anthracene	13.84	228	291291	16.688	ng	96
82) Chrysene	13.87	228	263308	15.220	ng	97
85) Indeno(1,2,3-cd)pyrene	16.60	276	91738	6.542	ng	# 90
87) Benzo(b)fluoranthene	14.86	252	347413	26.785	ng	98
88) Benzo(k)fluoranthene	14.86	252	347413	28.226	ng	98
89) Benzo(a)pyrene	15.19	252	179442	15.353	ng	97
90) Dibenzo(a,h)anthracene	16.61	278	25593	2.669	ng	# 90
91) Benzo(g,h,i)perylene	17.00	276	80785	8.573	ng	# 93

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

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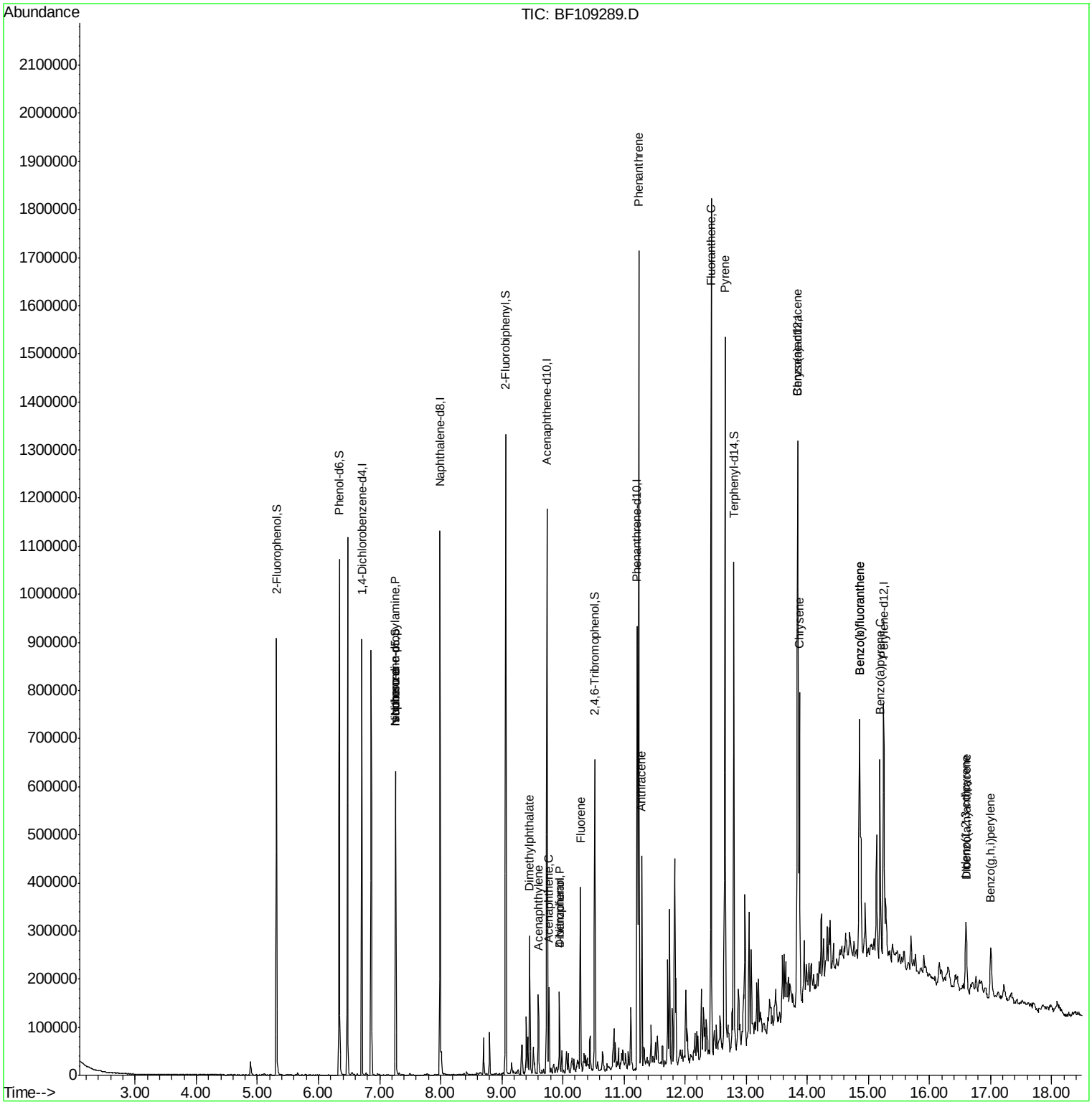
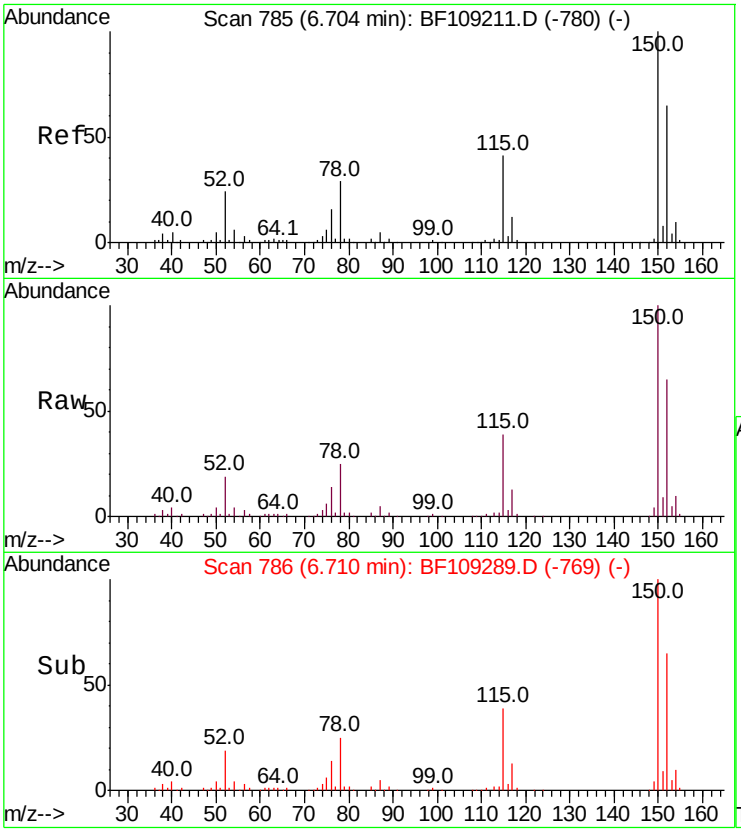


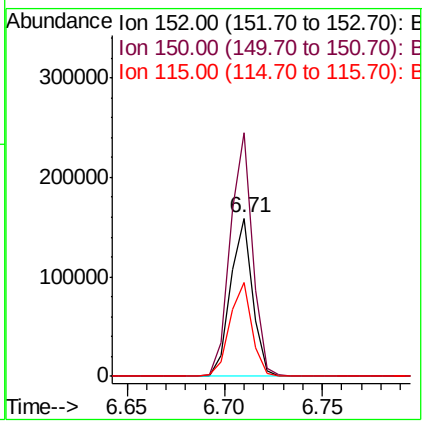


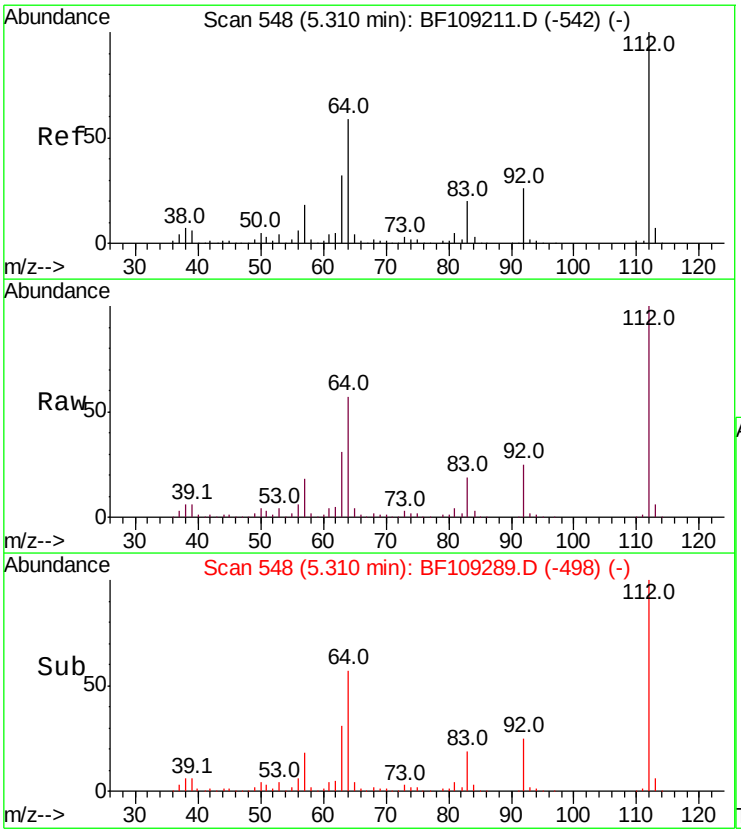
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124341

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	59.3	50.1	75.1

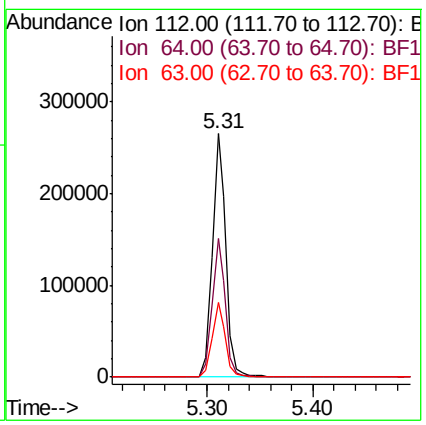


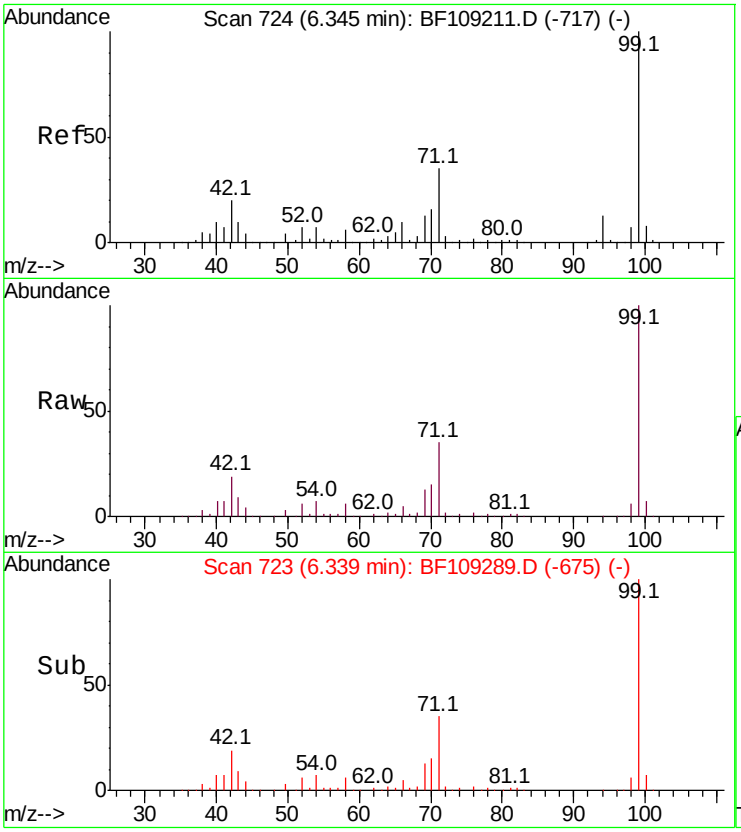


#5
2-Fluorophenol
Concen: 32.039 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:112 Resp: 241865

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	30.6	23.7	35.5



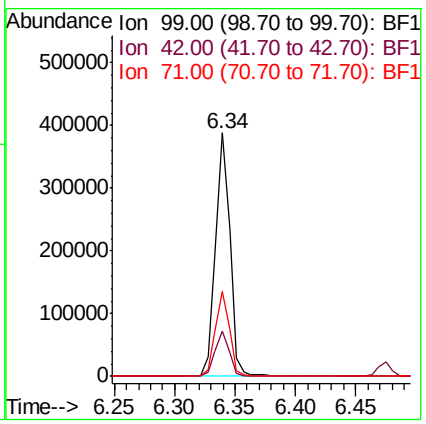


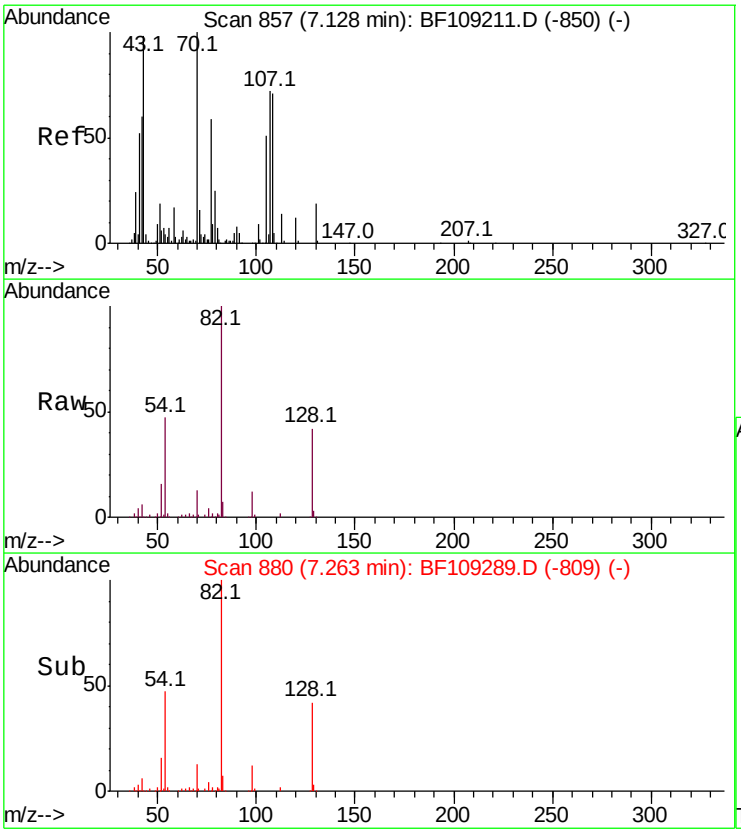
#7
Phenol-d6
Concen: 32.780 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 315767

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	34.7	25.4	38.0

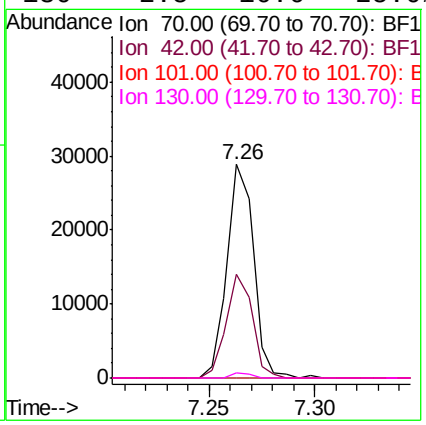


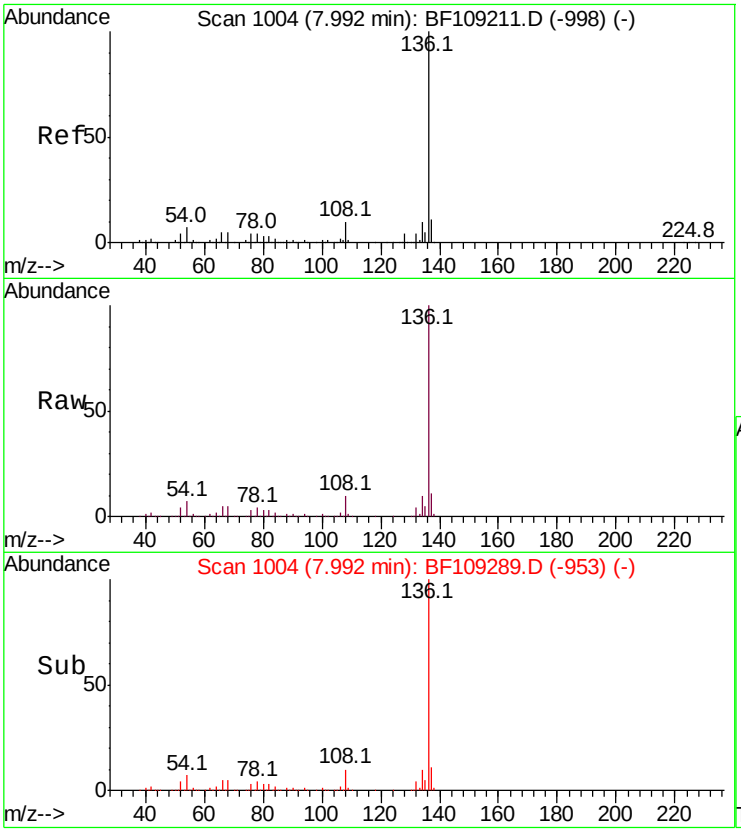


#19
n-Nitroso-di-n-propylamine
Concen: 3.975 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion: 70 Resp: 25093

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



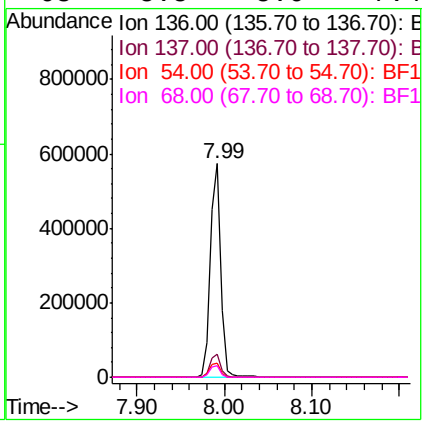


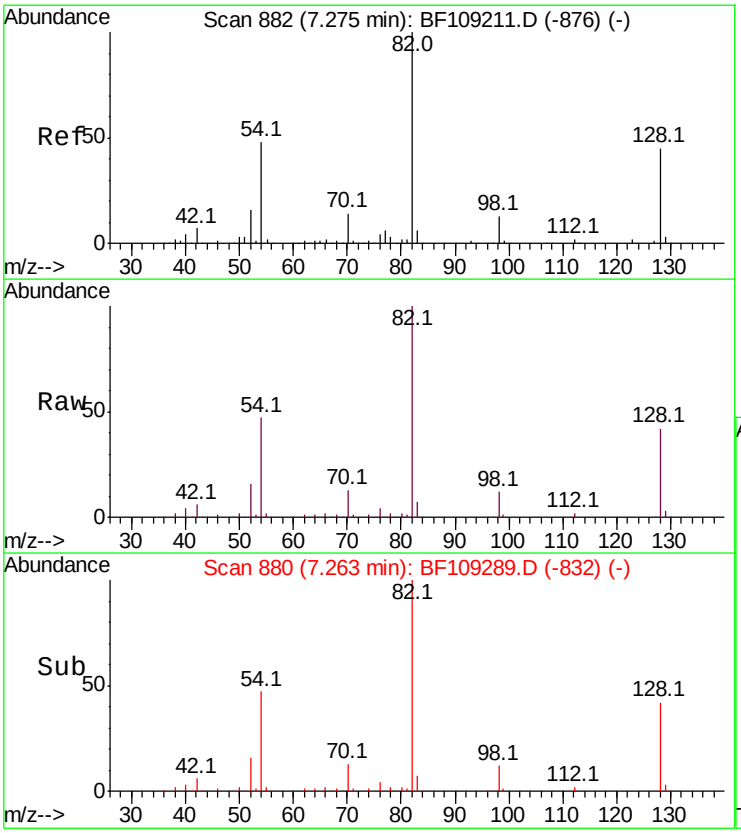
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 476254

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	6.6	9.8
68	5.5	5.0	7.4

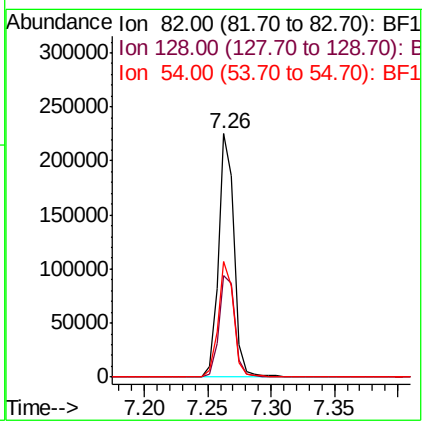


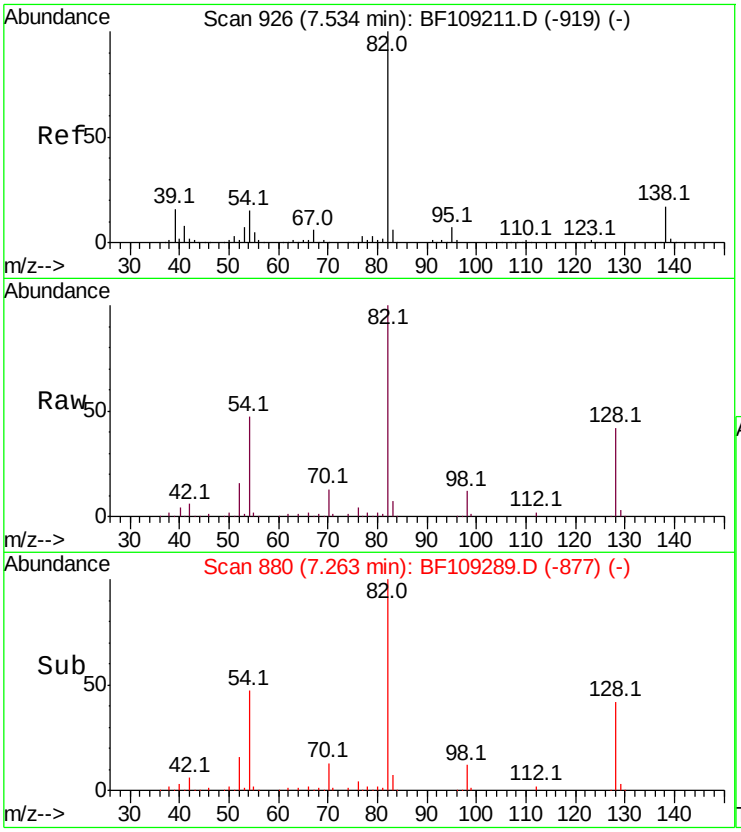


#23
Nitrobenzene-d5
Concen: 24.018 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion: 82 Resp: 193773

Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	47.3	41.4	62.2



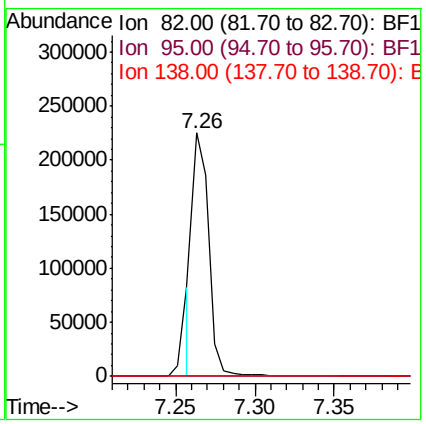


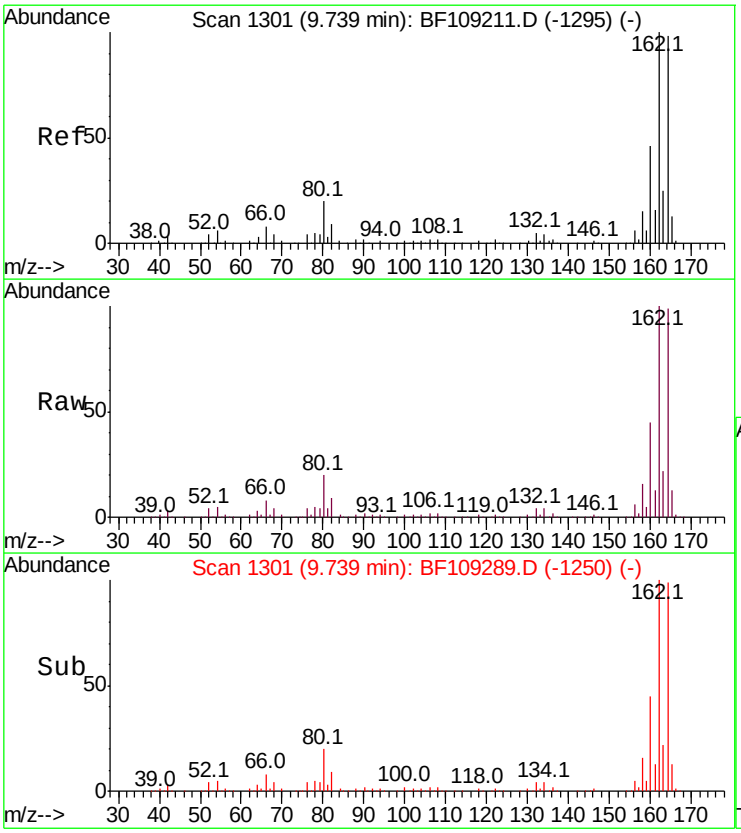
#25
Isophorone
Concen: 11.079 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 160961

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

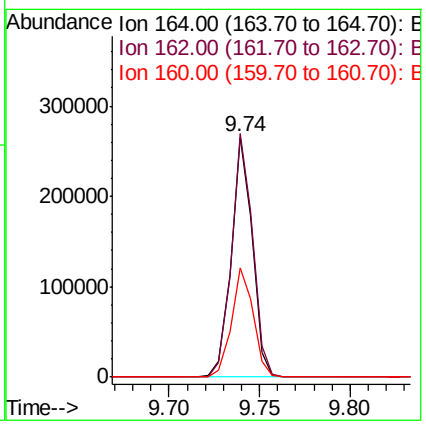


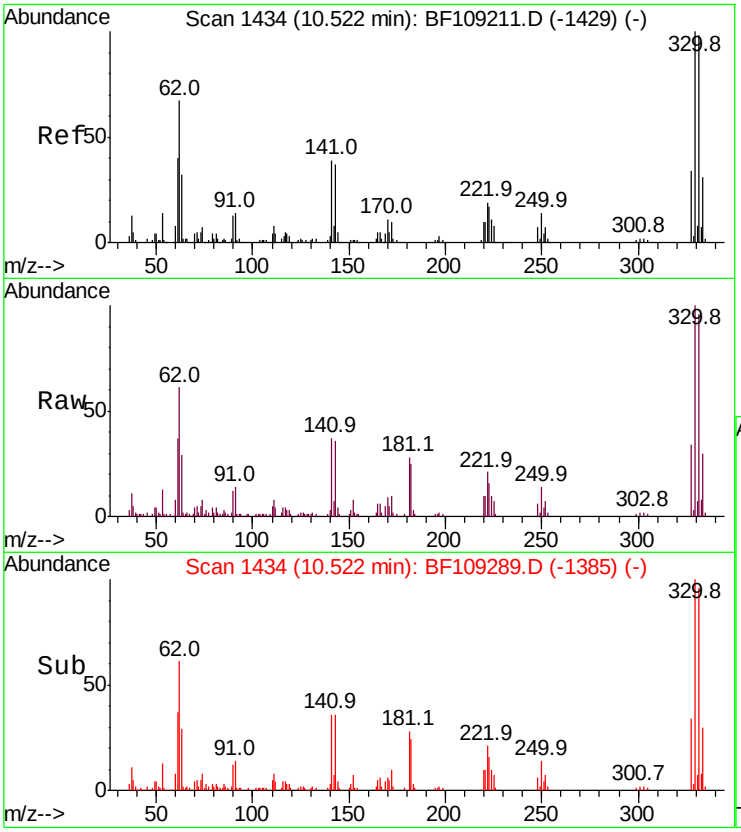


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:164 Resp: 214346

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	45.7	38.3	57.5



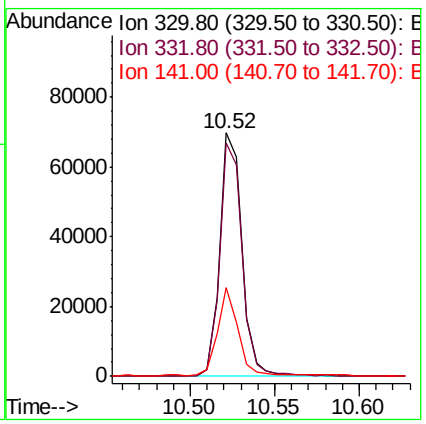


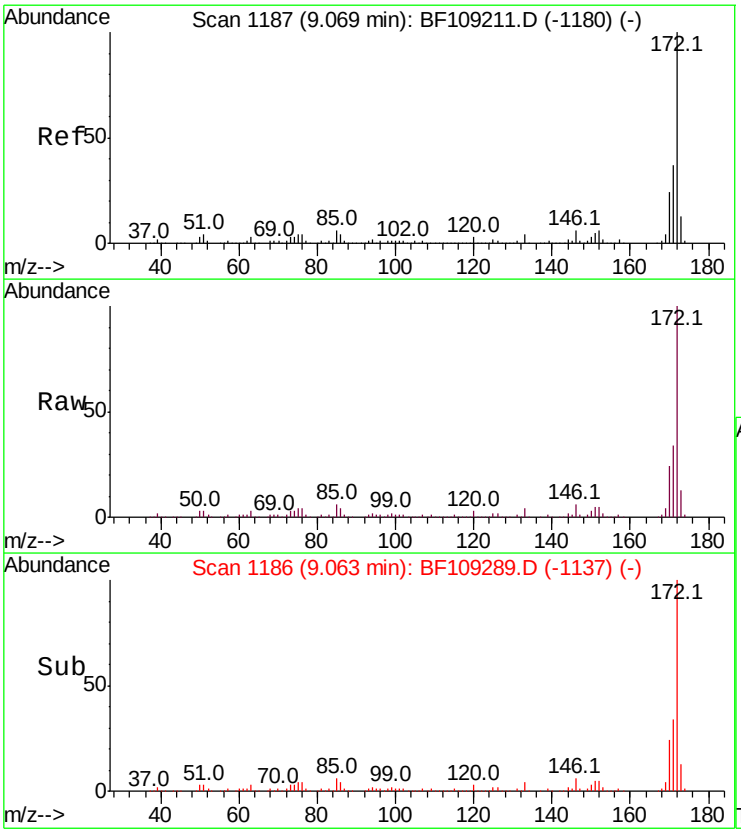
#41
2,4,6-Tribromophenol
Concen: 30.399 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 64234

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	35.6	29.9	44.9

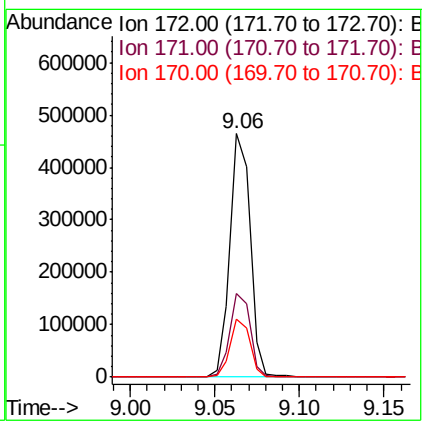


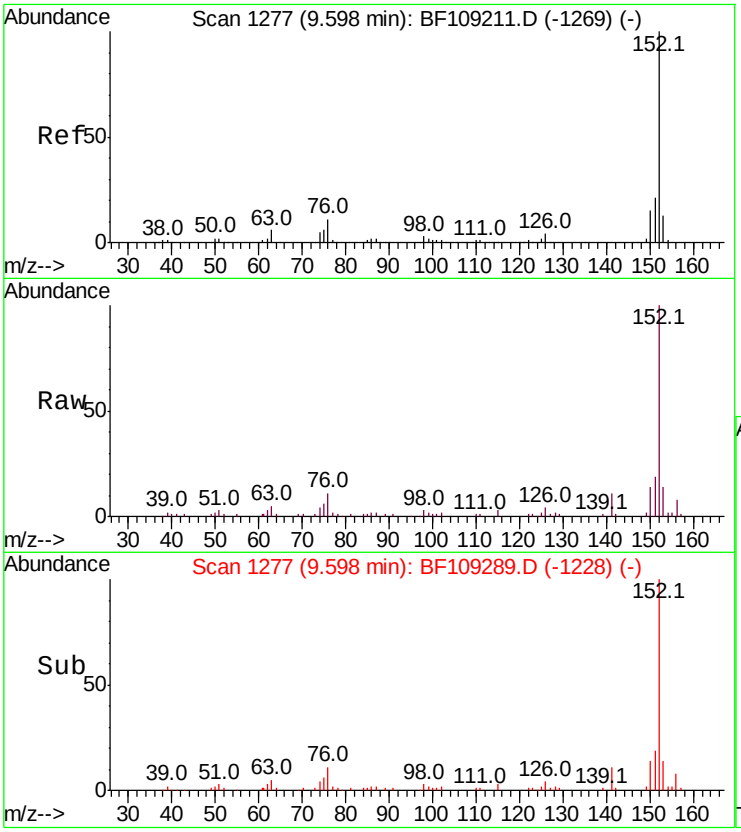


#44
2-Fluorobiphenyl
Concen: 27.244 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:172 Resp: 387199

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.7	19.6	29.4



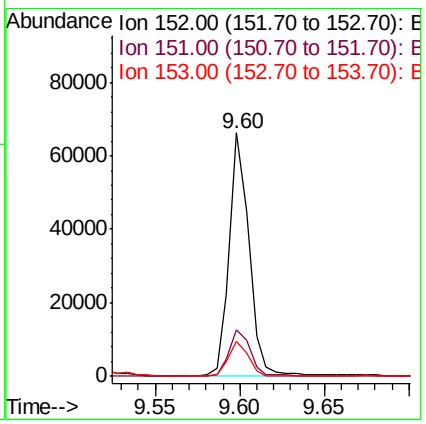


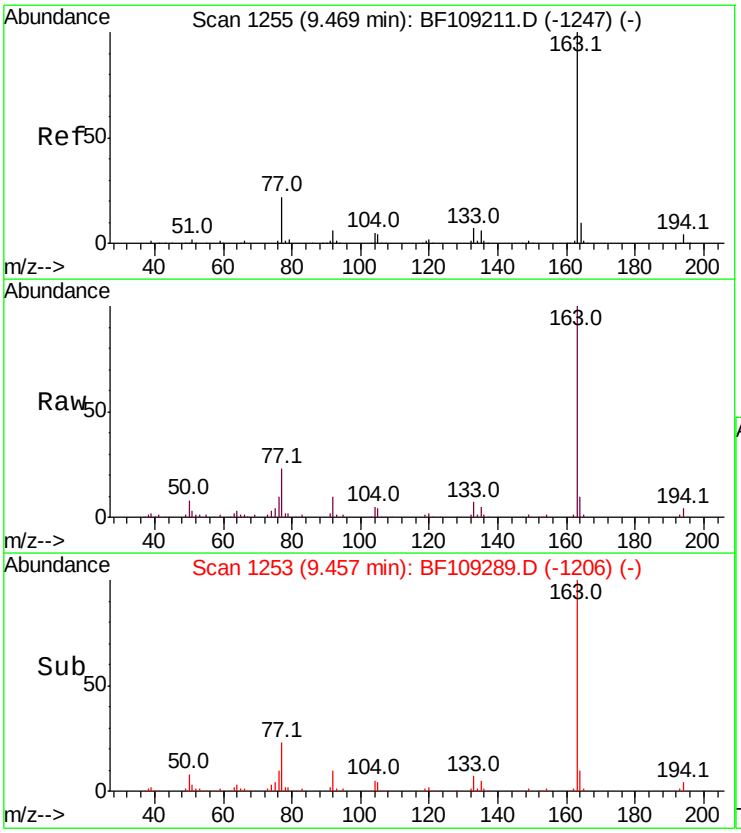
#48
Acenaphthylene
Concen: 2.583 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 54368

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	14.1	10.7	16.1

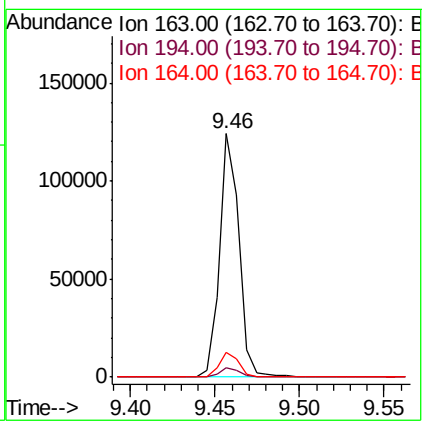


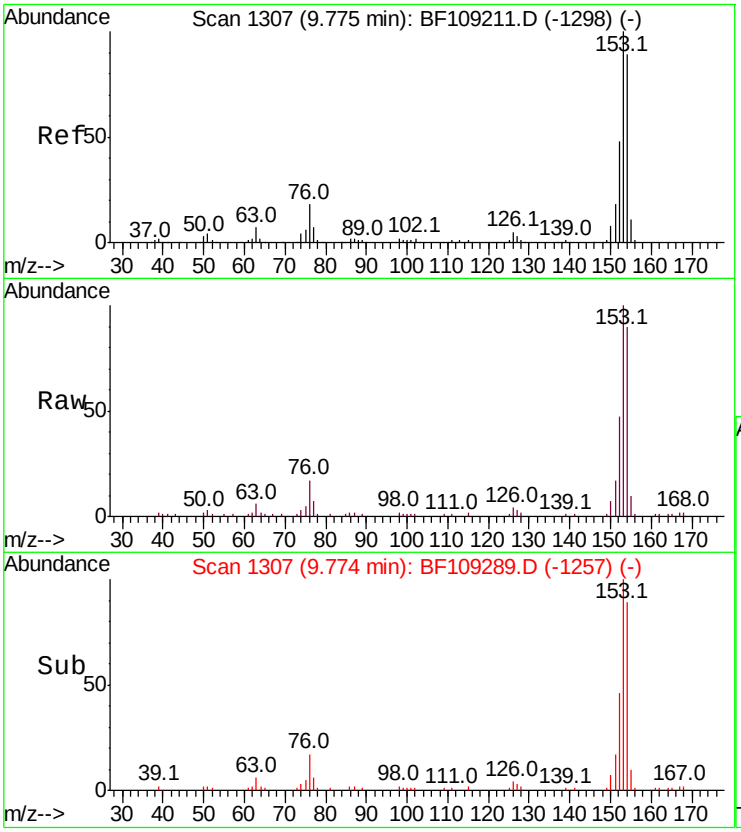


#49
Dimethylphthalate
Concen: 6.365 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:163 Resp: 99233

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2



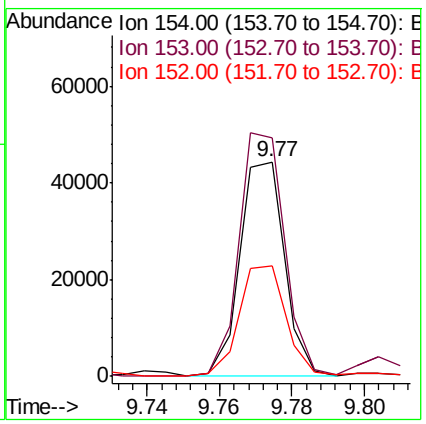


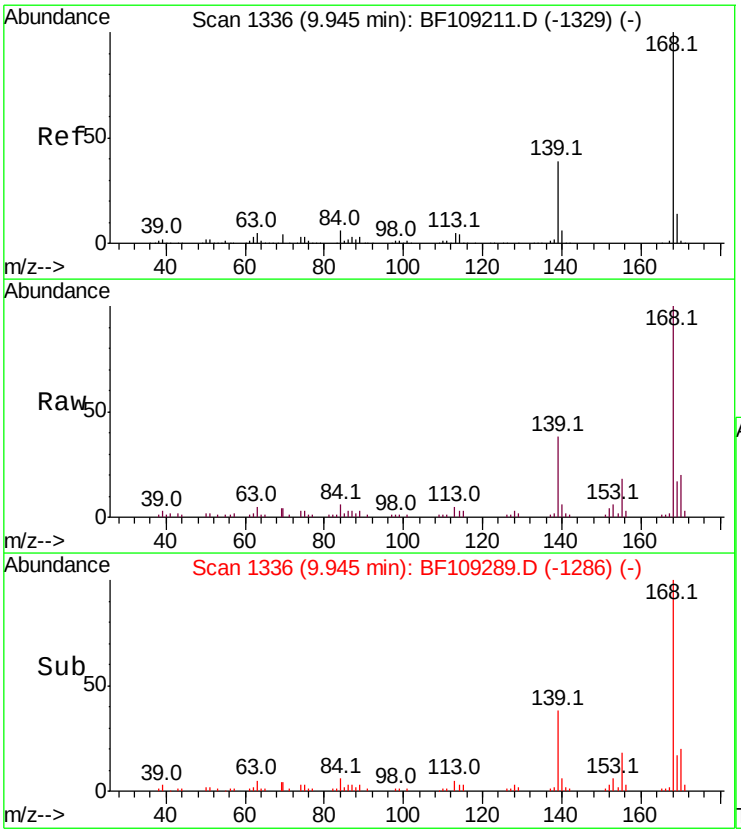
#51
Acenaphthene
Concen: 2.989 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 38036

Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.2	136.8
152	51.9	43.8	65.8

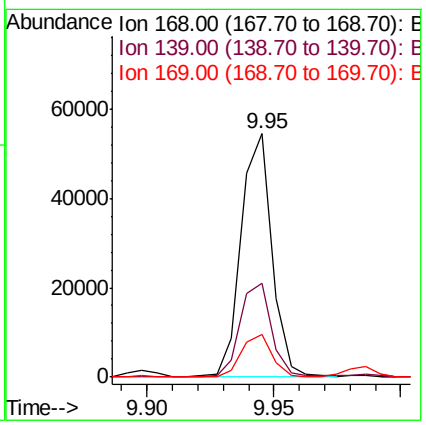


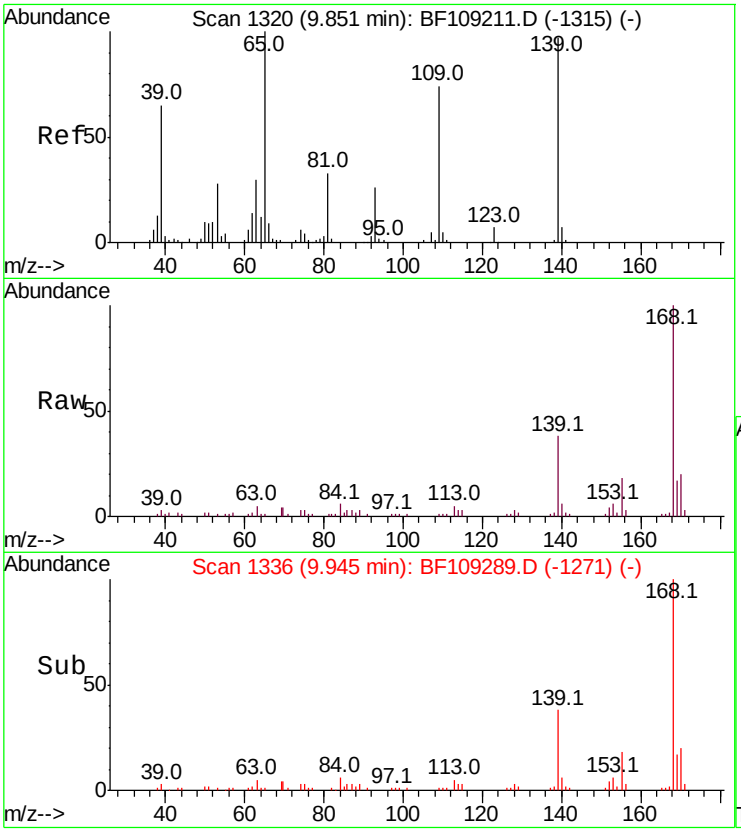


#54
Dibenzofuran
Concen: 2.441 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:168 Resp: 46192

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	17.3	10.9	16.3#



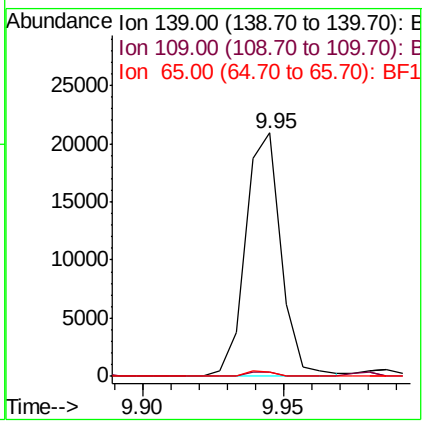


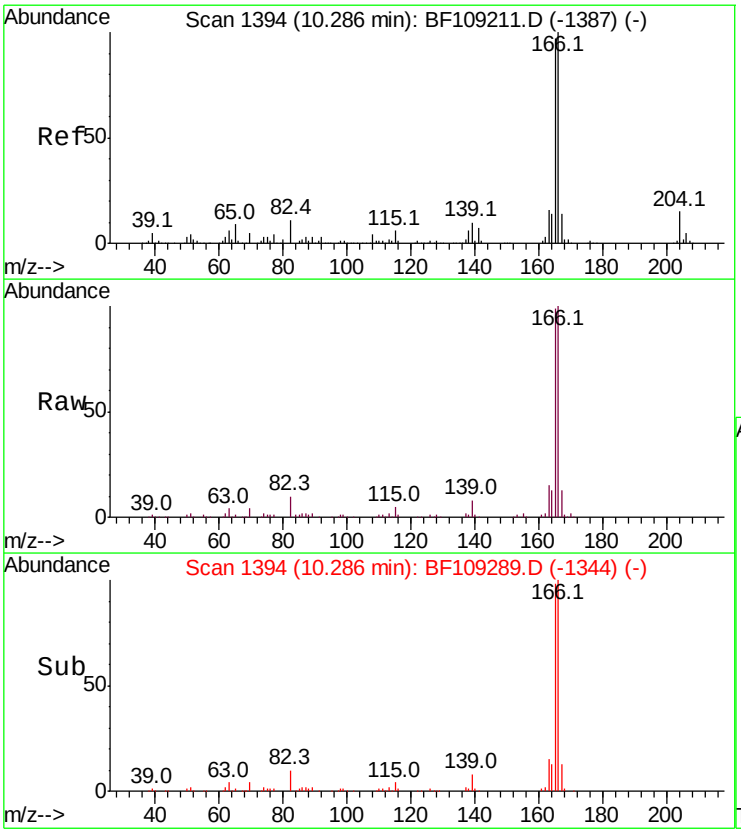
#55
4-Nitrophenol
Concen: 6.764 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.08 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 18221

Ion	Ratio	Lower	Upper
139	100		
109	1.9	48.4	88.4#
65	1.9	72.6	112.6#

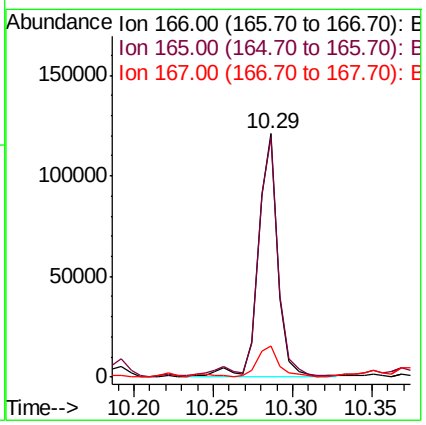


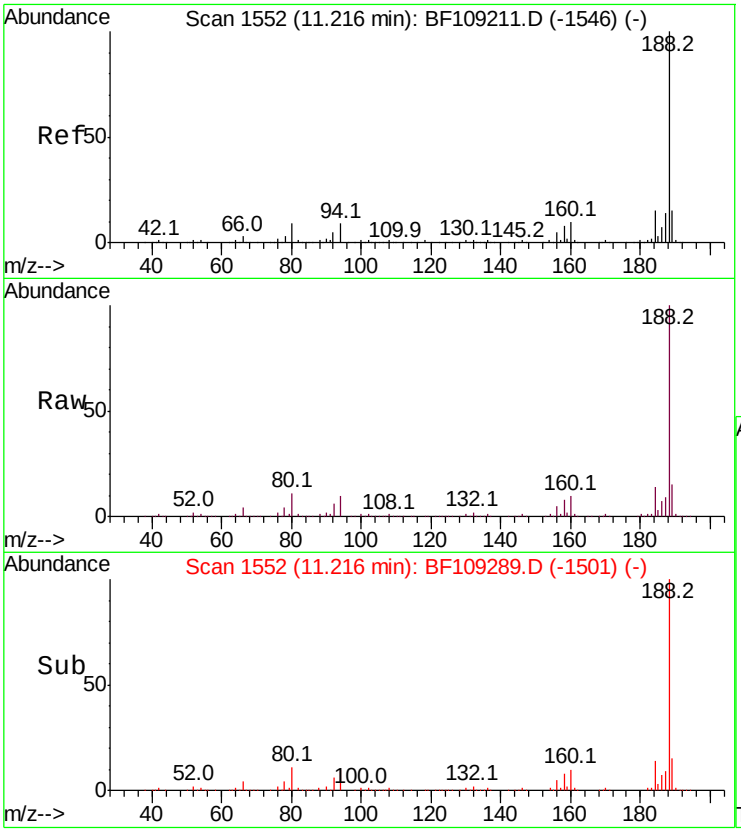


#57
Fluorene
Concen: 7.678 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:166 Resp: 103672

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	13.0	10.6	16.0



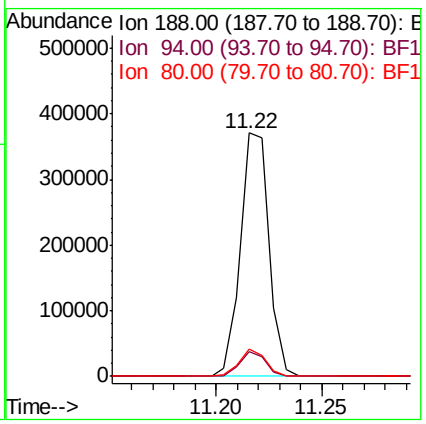


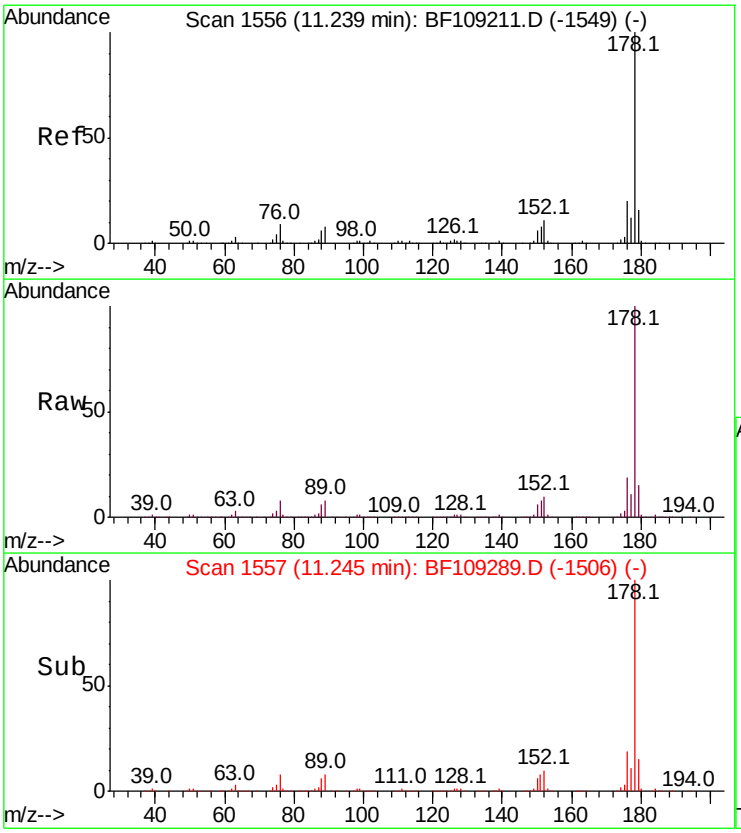
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 347299

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8

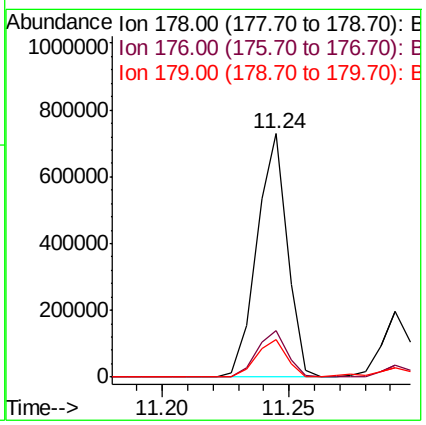


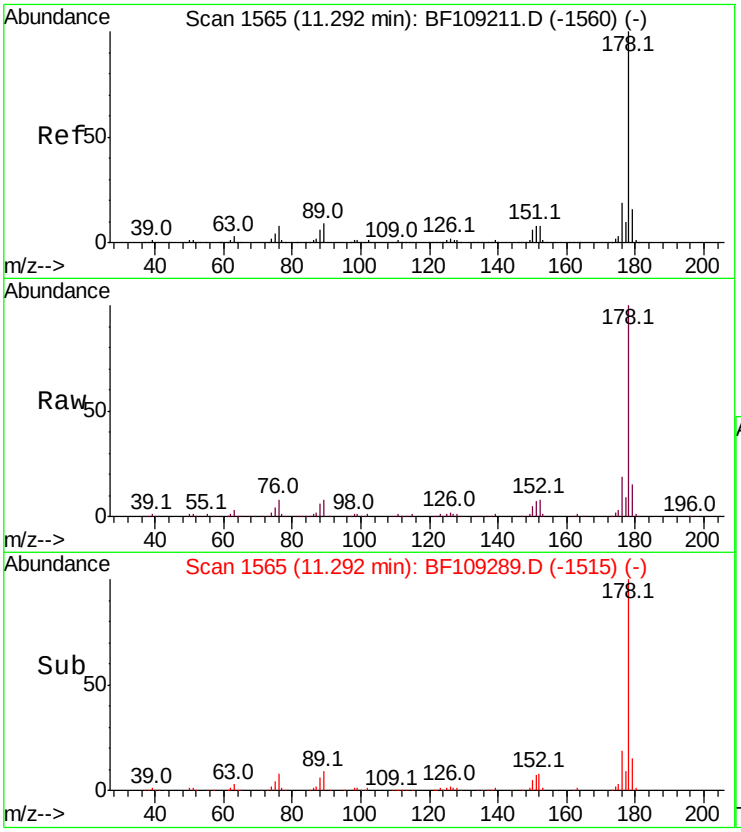


#70
Phenanthrene
Concen: 35.252 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:178 Resp: 611289

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	13.0	19.6



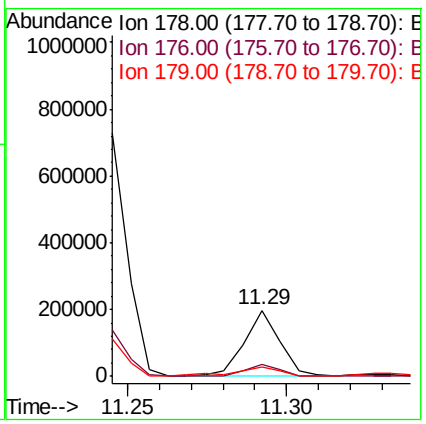


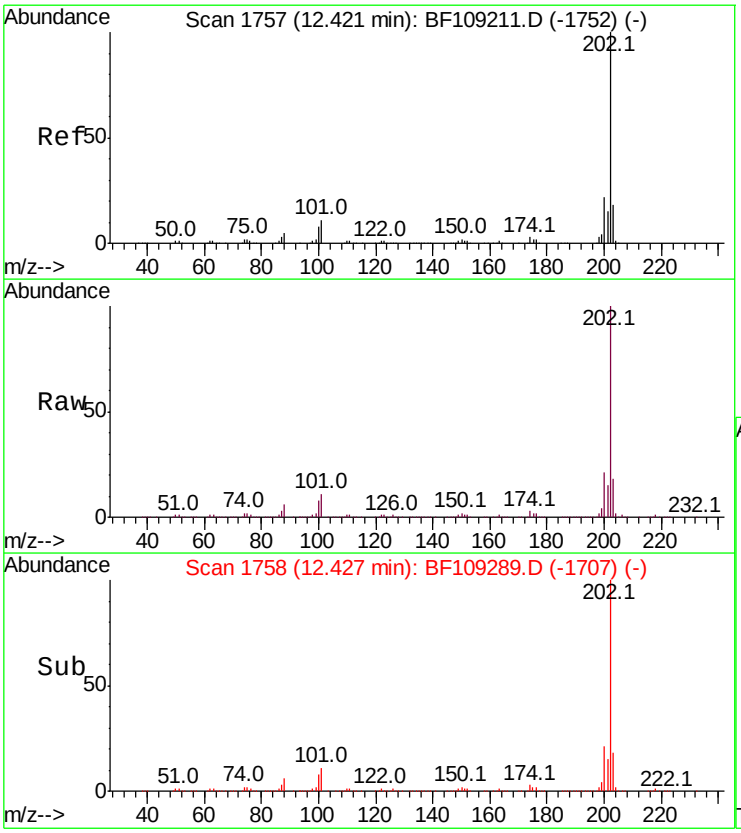
#71
Anthracene
Concen: 8.483 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 149201

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.0	12.6	19.0

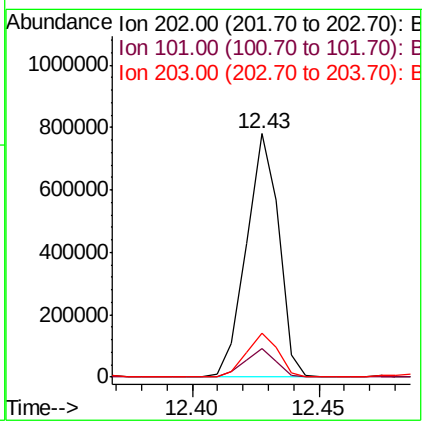


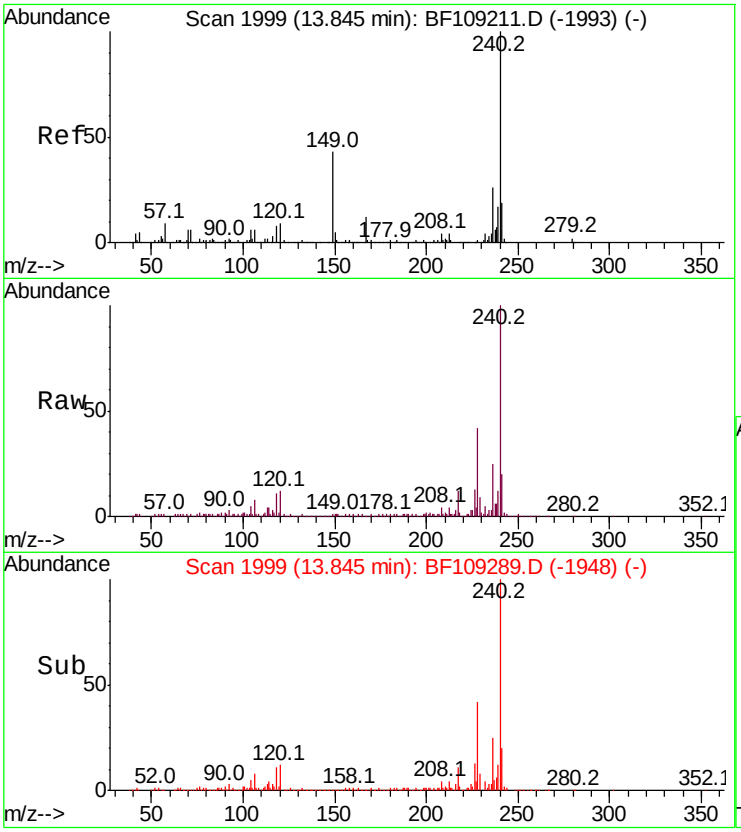


#74
Fluoranthene
Concen: 37.408 ng
RT: 12.43 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:202 Resp: 693217

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.8	0.0	38.1



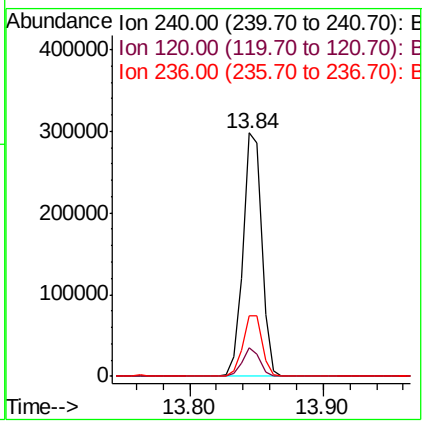


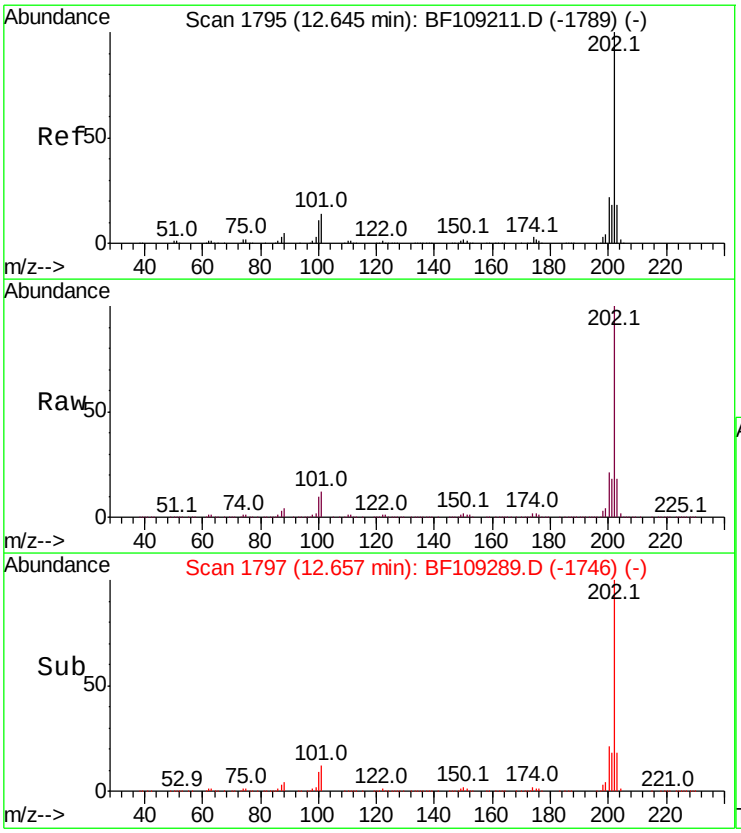
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 289790

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.0	20.7	31.1

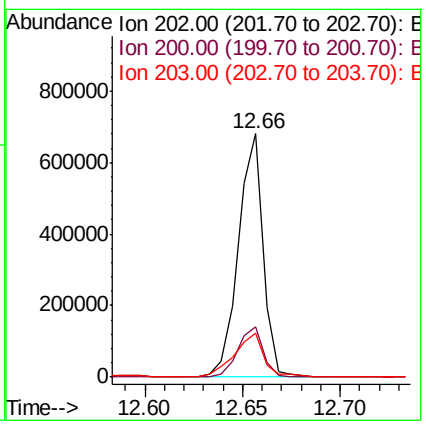


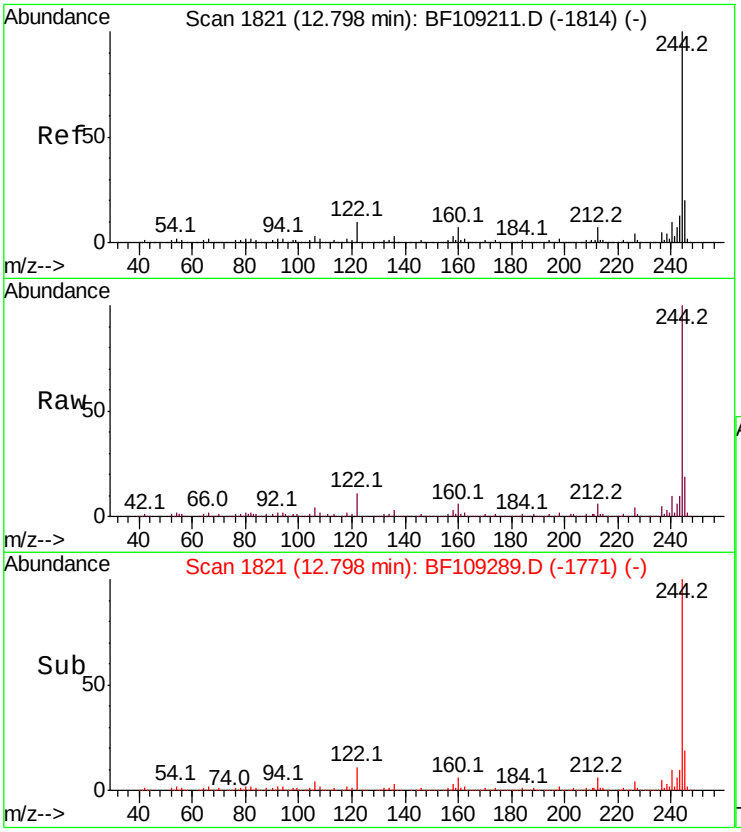


#77
Pyrene
Concen: 28.676 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:202 Resp: 595557

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.9	14.3	21.5



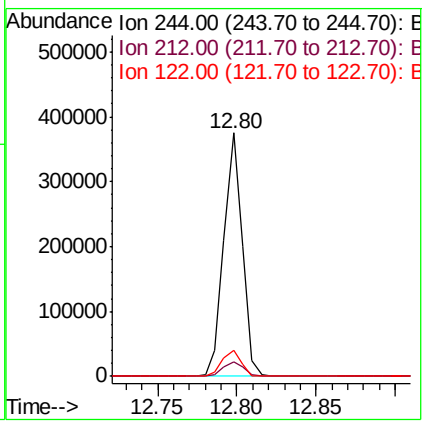


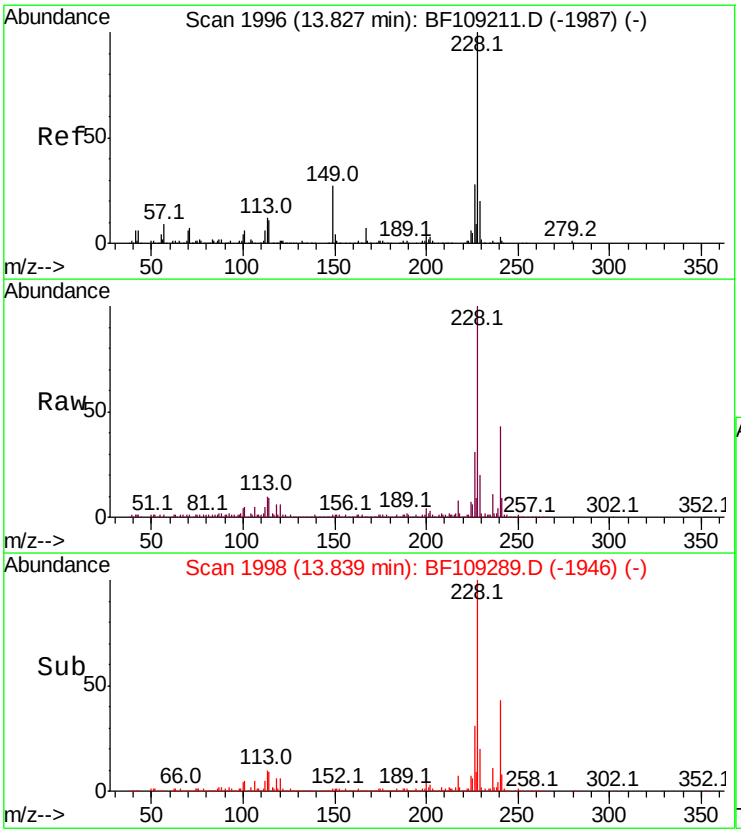
#78
Terphenyl-d14
Concen: 25.650 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 302878

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	10.9	11.0	16.4#

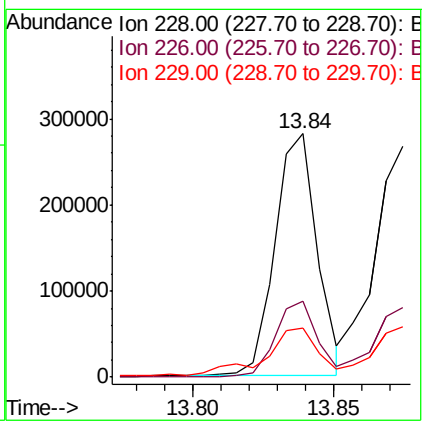


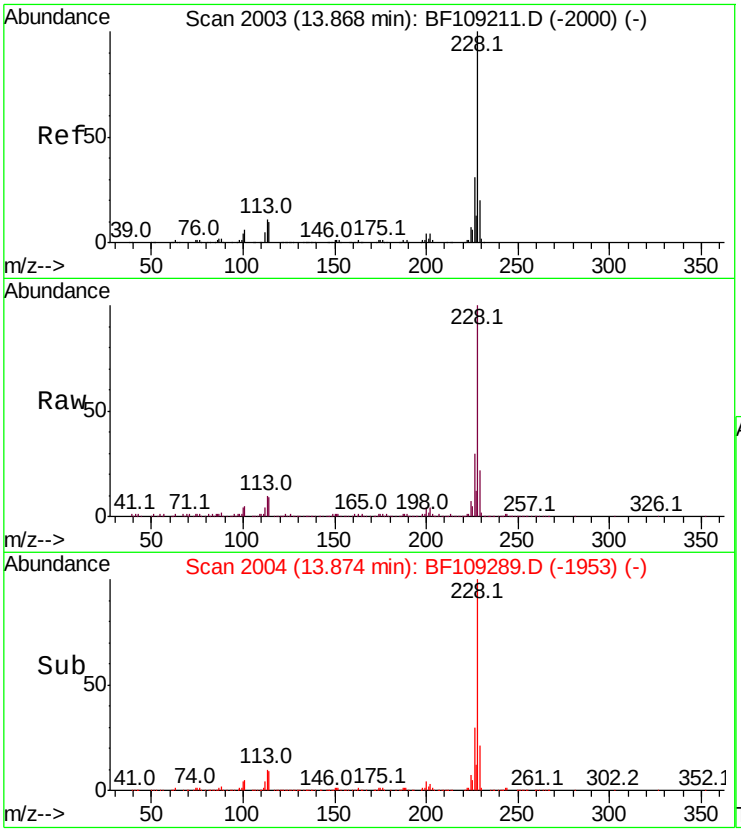


#80
Benzo(a)anthracene
Concen: 16.688 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:228 Resp: 291291

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	20.2	15.8	23.6



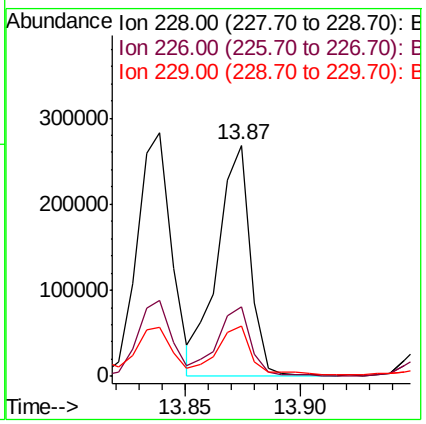


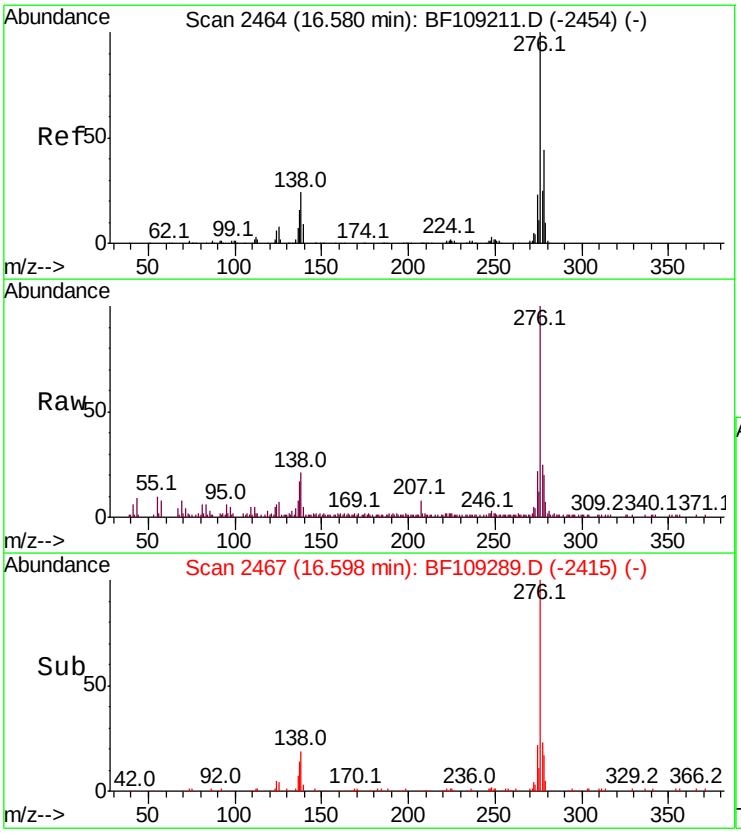
#82
Chrysene
Concen: 15.220 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 263308

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	21.5	16.2	24.4

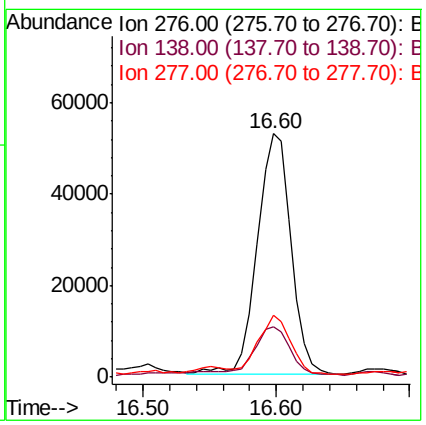


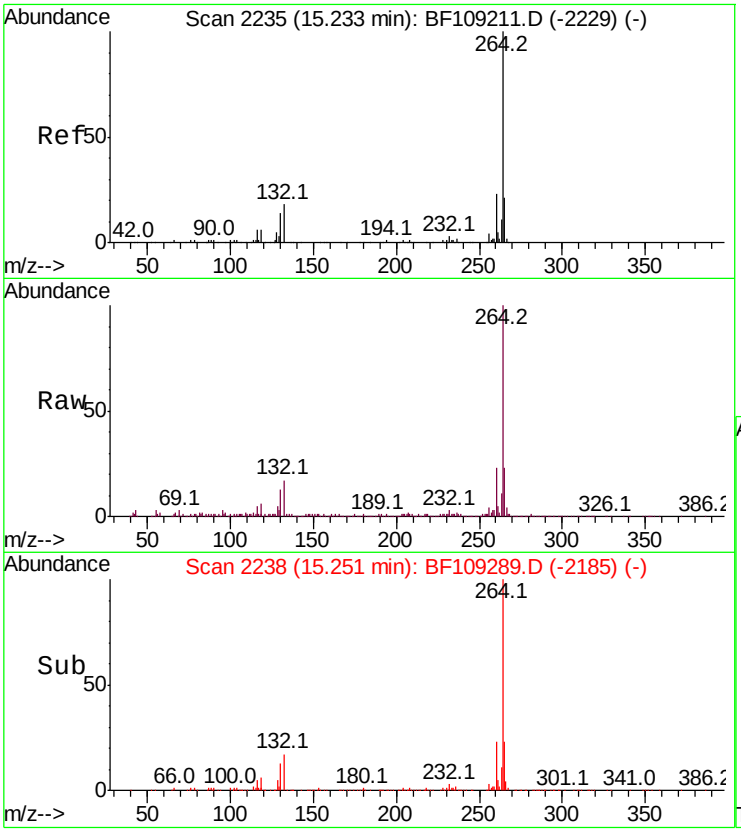


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.542 ng
RT: 16.60 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:276 Resp: 91738

Ion	Ratio	Lower	Upper
276	100		
138	22.8	25.0	37.6#
277	23.5	20.1	30.1



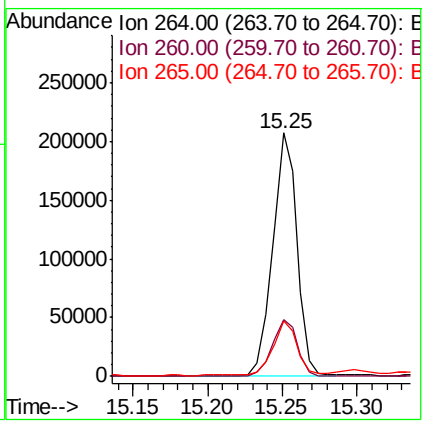


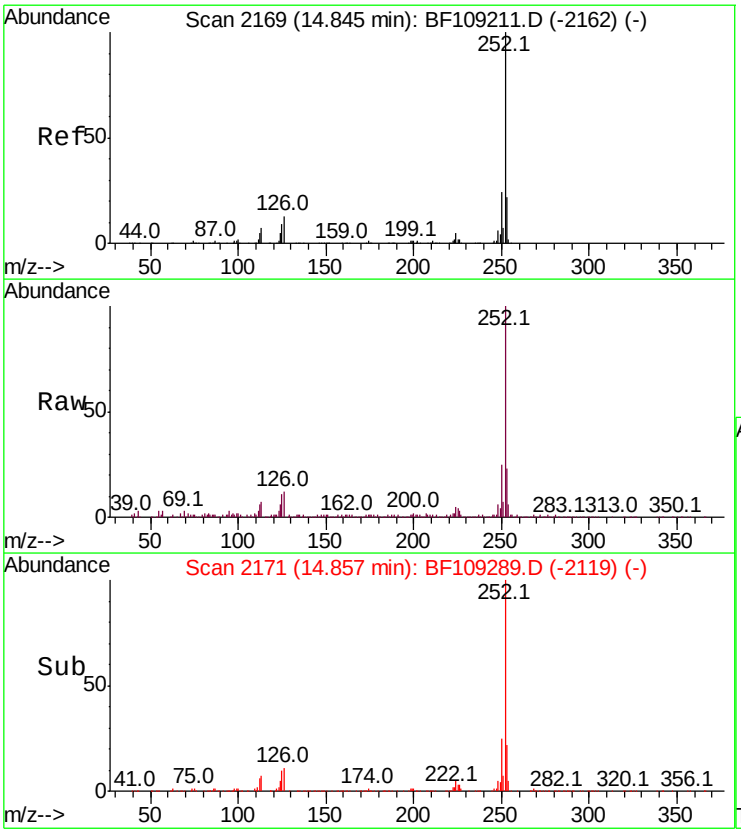
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 236047

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.9	17.5	26.3

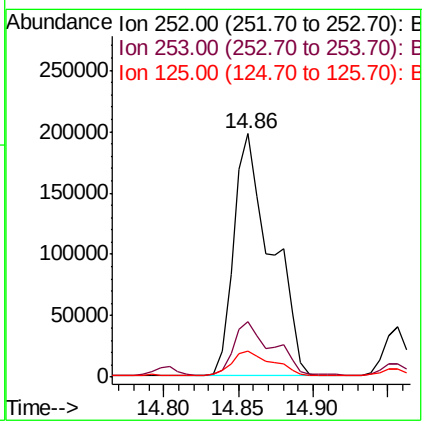


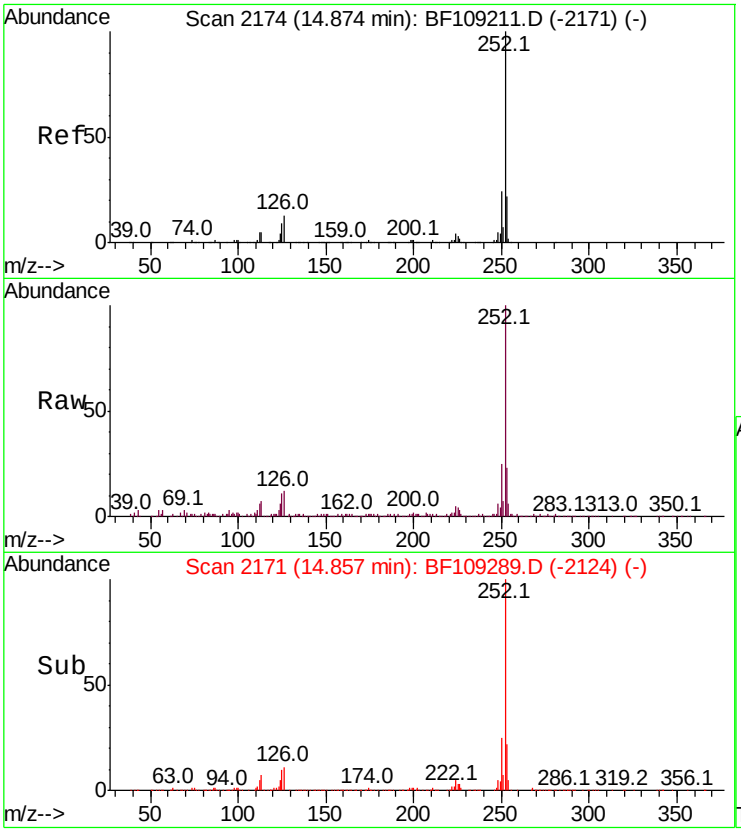


#87
Benzo(b)fluoranthene
Concen: 26.785 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:252 Resp: 347413

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.7	9.0	13.6



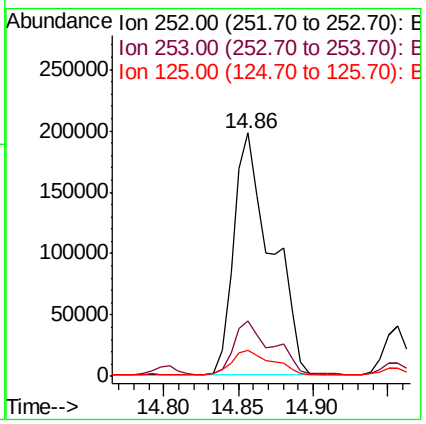


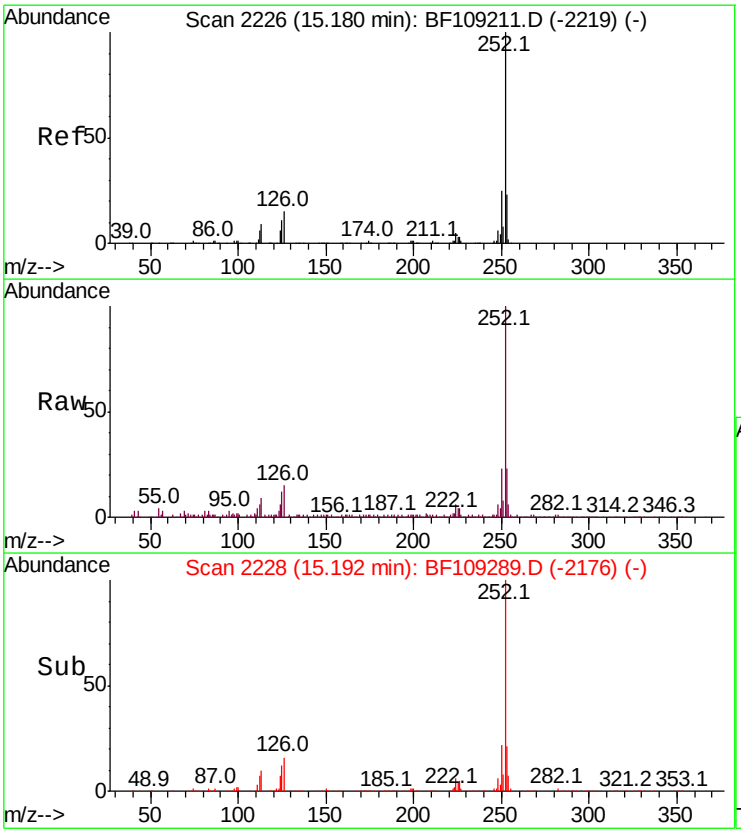
#88
Benzo(k)fluoranthene
Concen: 28.226 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 347413

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.7	10.2	15.2

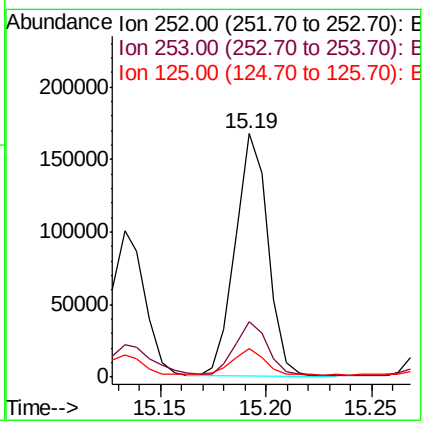


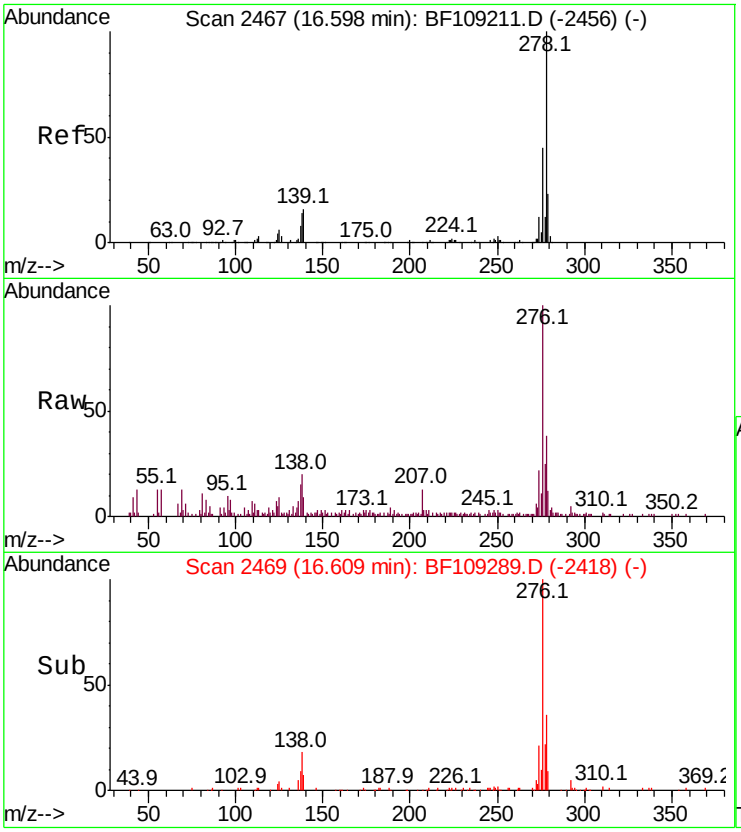


#89
Benzo(a)pyrene
Concen: 15.353 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:252 Resp: 179442

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	11.7	9.8	14.6



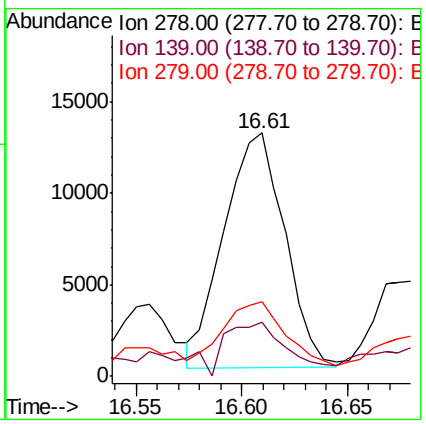


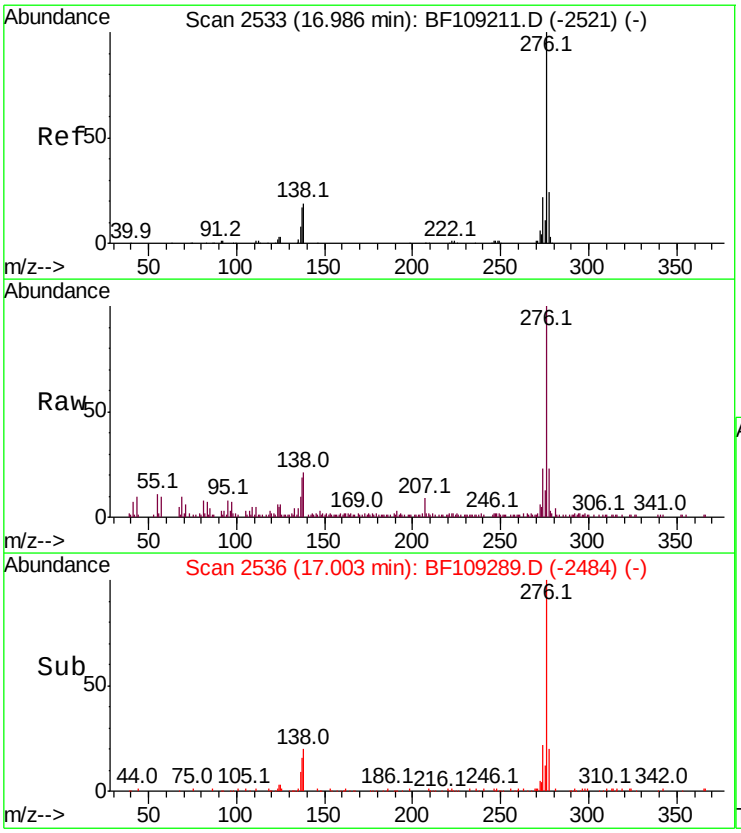
#90
Dibenzo(a,h)anthracene
Concen: 2.669 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 25593

Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.9	23.9
279	30.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.573 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF109289.D
Acq: 25 Sep 2018 16:52

Tgt Ion:276 Resp: 80785

Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	21.3	21.8	32.8#