Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109896.D
Acq On : 15 Oct 2018 23:01
Operator : JU/SJ
Sample : J5314-01DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 16 01:26:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 15 18:09:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	385223	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1455029	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	603668	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	1037348	20.00	ng		0.00
76) Chrysene-d12	14.16	240	978029	20.00	ng		0.00
87) Perylene-d12	15.68	264	812103	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	754235	31.04	ng		0.00
7) Phenol-d6	6.59	99	943469	31.26	ng		0.00
23) Nitrobenzene-d5	7.53	82	536564	24.84	ng		-0.01
42) 2,4,6-Tribromophenol	10.80	330	151912	29.07	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	817837	21.62	ng		0.00
79) Terphenyl-d14	13.09	244	724212	15.55	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	70940	3.661	ng	#	81
25) Isophorone	7.53	82	536552	12.642	ng	#	67
51) 2,6-Dinitrotoluene	10.02	165	79081	9.741	ng	#	23
52) Acenaphthene	10.05	154	109561	2.990	ng		98
56) 4-Nitrophenol	10.22	139	23299	3.092	ng	#	8
57) 2,4-Dinitrotoluene	10.02	165	79081	11.558	ng	#	19
58) Fluorene	10.56	166	88593	2.329	ng		99
65) 4,6-Dinitro-2-methylphenol	10.80	198	323	7.976	ng	#	1
71) Phenanthrene	11.53	178	1095635	20.401	ng		100
72) Anthracene	11.59	178	294477	5.454	ng		98
73) Carbazole	11.73	167	124345	2.343	ng		97
75) Fluoranthene	12.73	202	1573038	29.321	ng		97
78) Pyrene	12.96	202	1504638	20.946	ng		99
81) Benzo(a)anthracene	14.14	228	777279	13.492	ng		99
83) Chrysene	14.18	228	665798	12.142	ng		97
86) Indeno(1,2,3-cd)pyrene	17.23	276	246106	5.574	ng		97
88) Benzo(b)fluoranthene	15.22	252	953628	20.368	ng	#	95
89) Benzo(k)fluoranthene	15.22	252	953628	20.665	ng	#	94
90) Benzo(a)pyrene	15.61	252	509193	11.825	ng		98
92) Benzo(g,h,i)perylene	17.70	276	231442	6.003	ng	#	94

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

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Acq On : 15 Oct 2018 23:01
Operator : JU/SJ
Sample : J5314-01DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 16 01:26:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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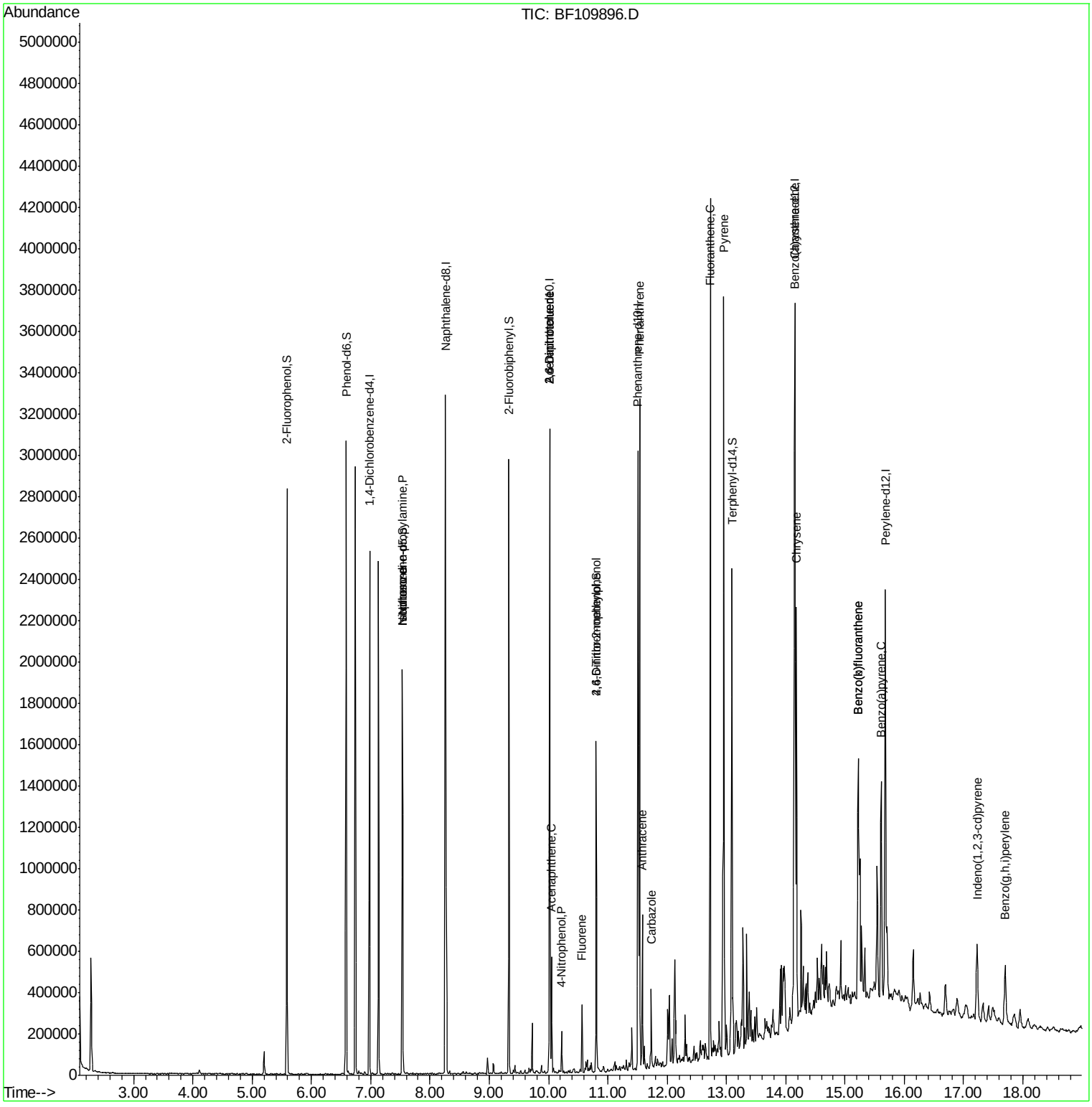
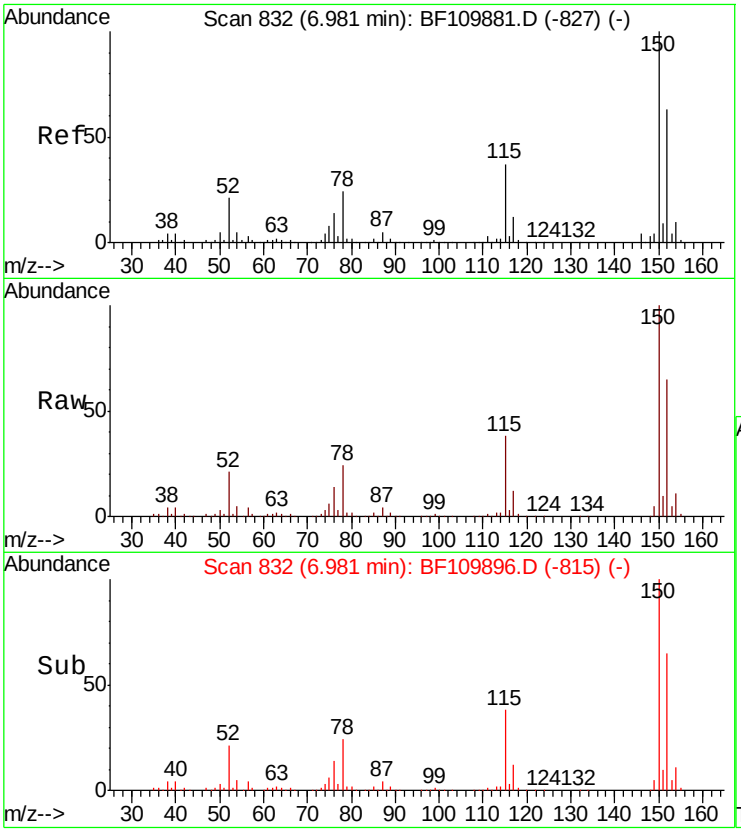


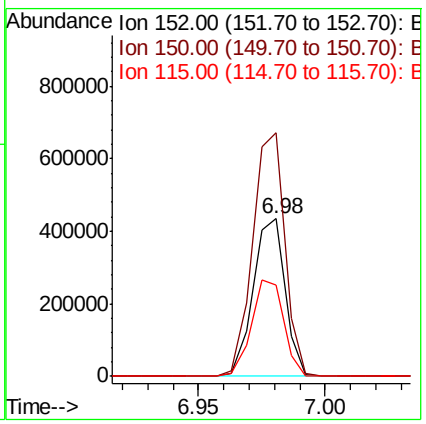


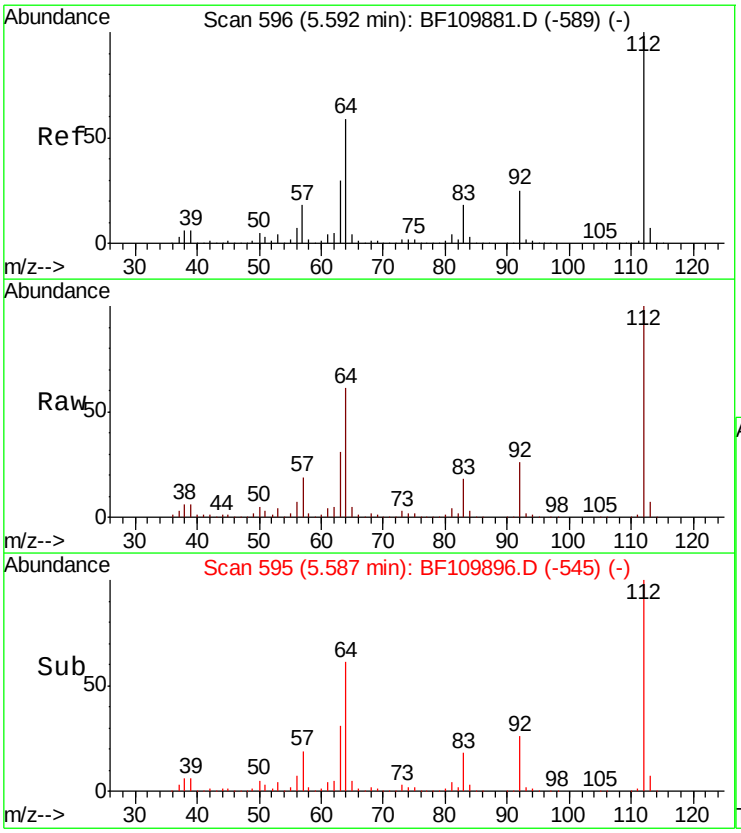
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 385223

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.7	184.1
115	58.0	49.1	73.7

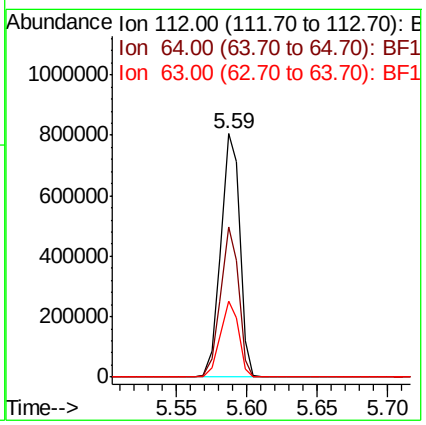


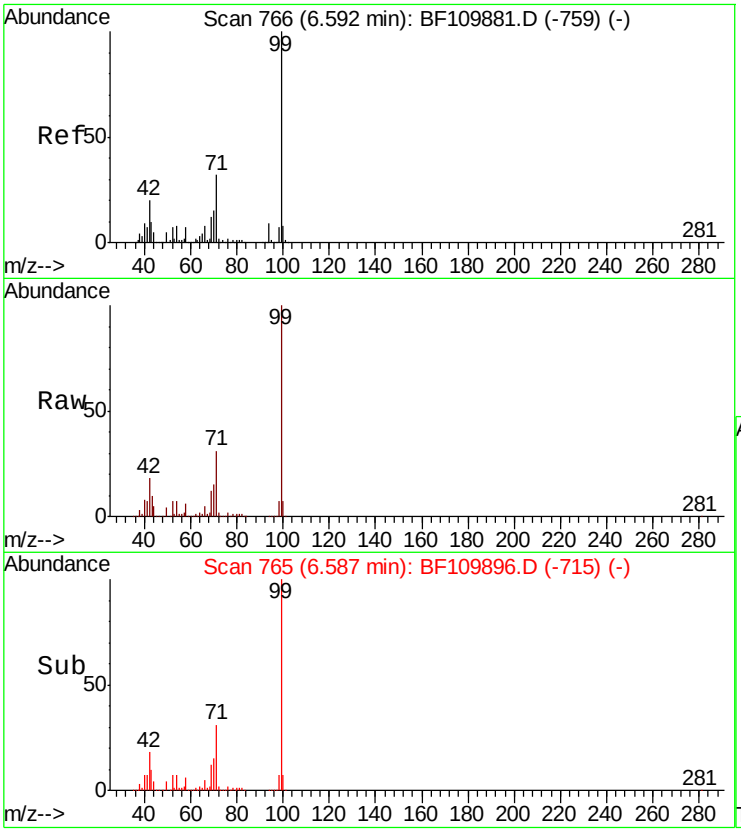


#5
2-Fluorophenol
Concen: 31.036 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:112 Resp: 754235

Ion	Ratio	Lower	Upper
112	100		
64	61.5	44.1	66.1
63	31.4	23.7	35.5



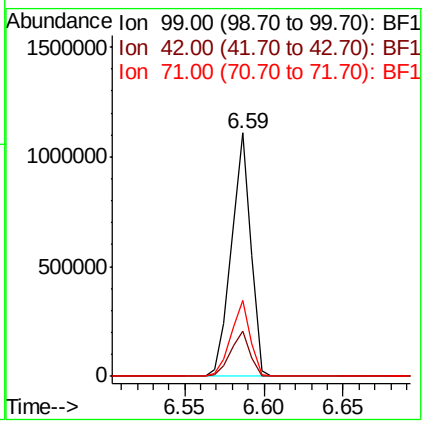


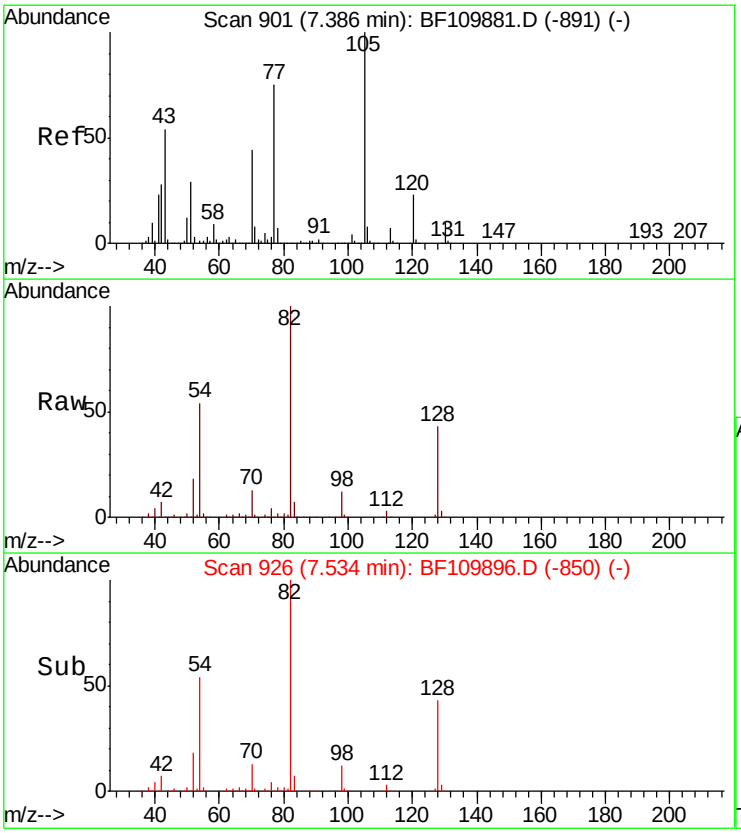
#7
Phenol-d6
Concen: 31.265 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 943469

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	31.3	28.0	42.0

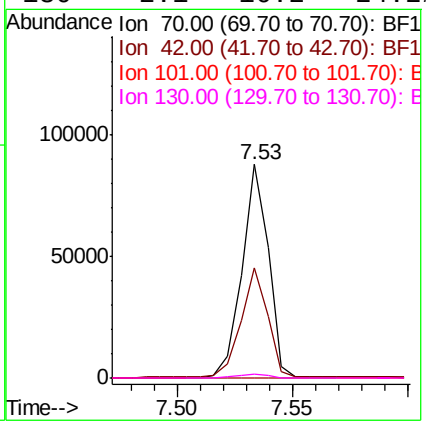


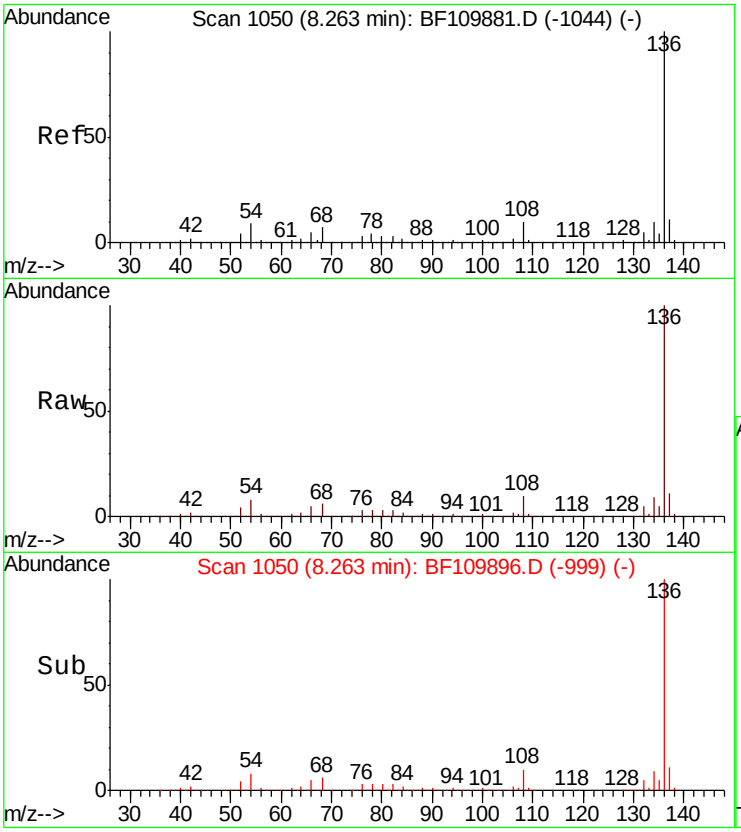


#19
n-Nitroso-di-n-propylamine
Concen: 3.661 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion: 70 Resp: 70940

Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



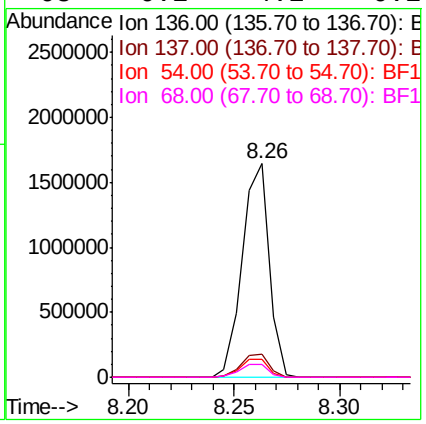


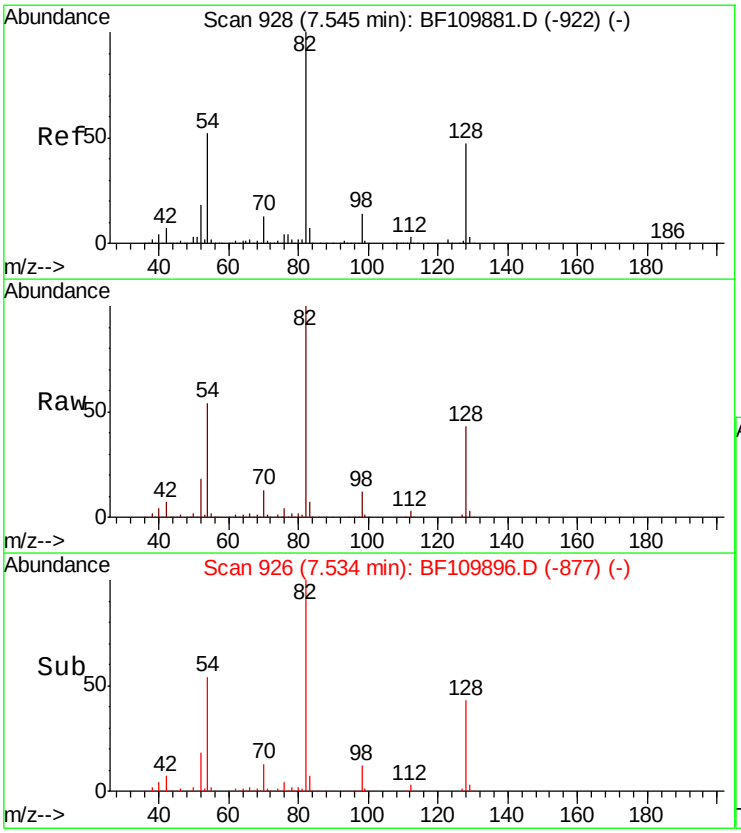
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1455029

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	5.4	8.2#
68	6.2	4.2	6.2

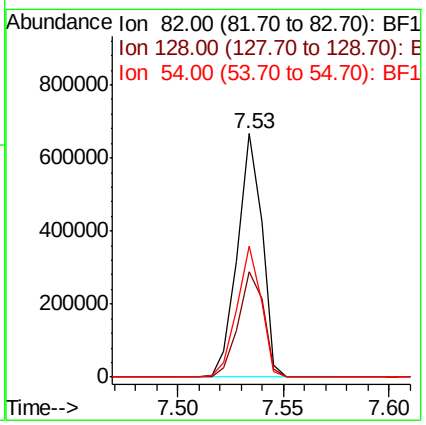


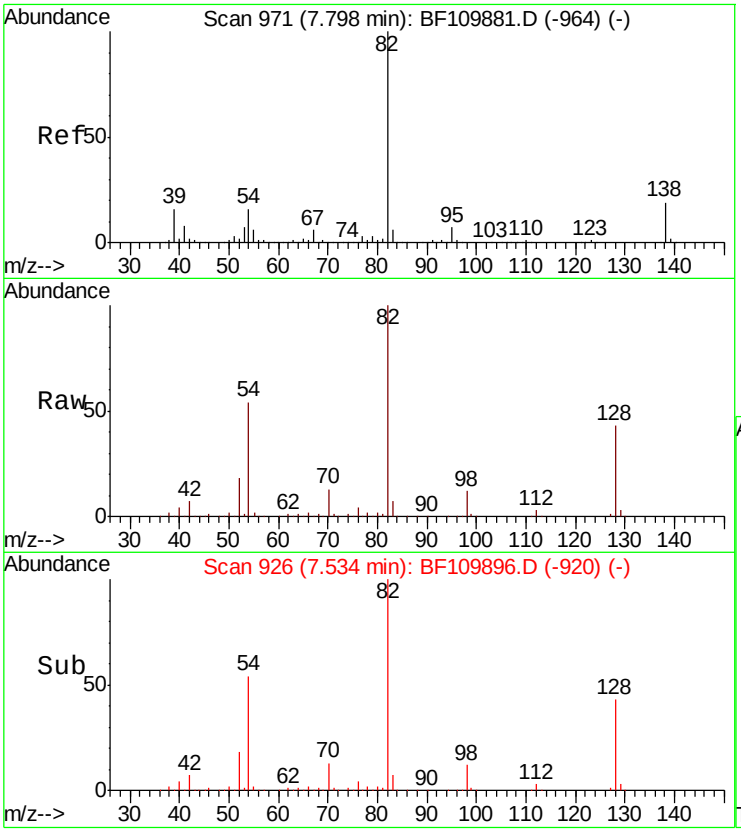


#23
Nitrobenzene-d5
Concen: 24.841 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion: 82 Resp: 536564

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.2	51.2
54	53.9	38.6	58.0



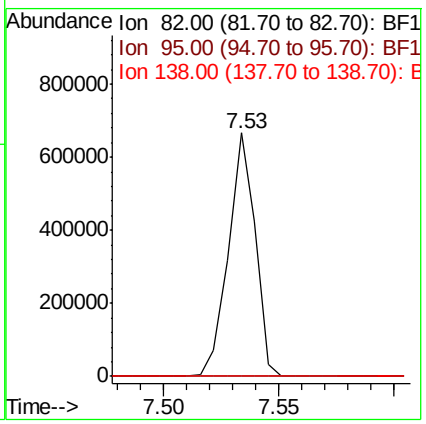


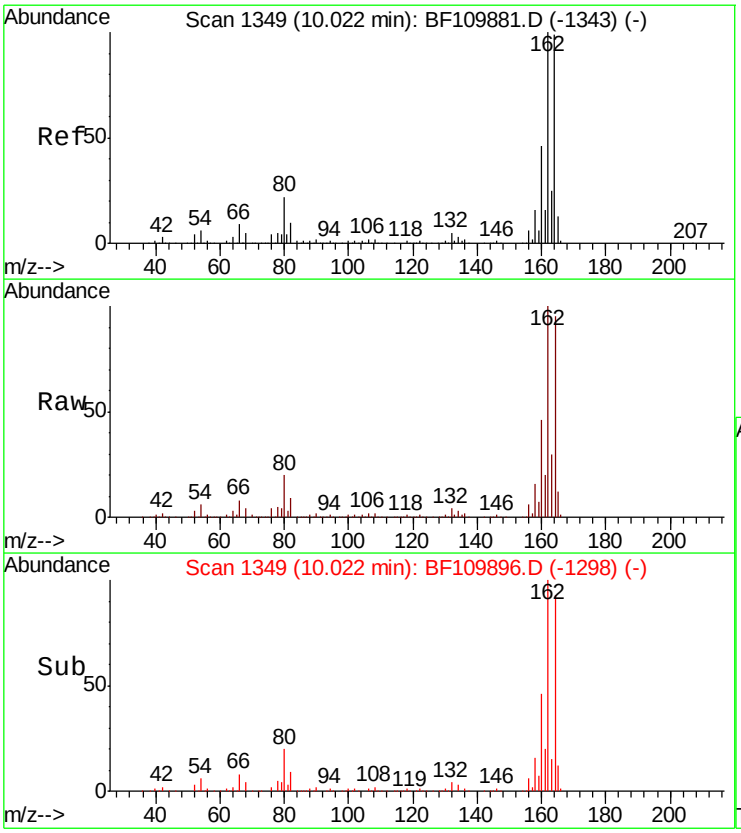
#25
Isophorone
Concen: 12.642 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 536552

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

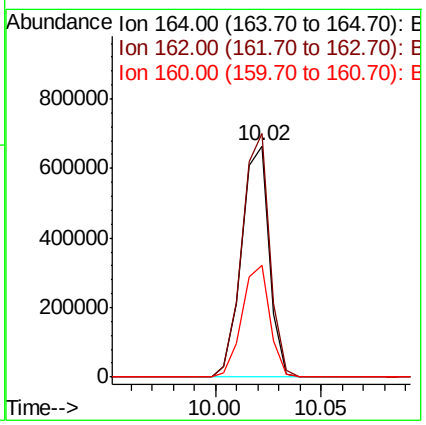


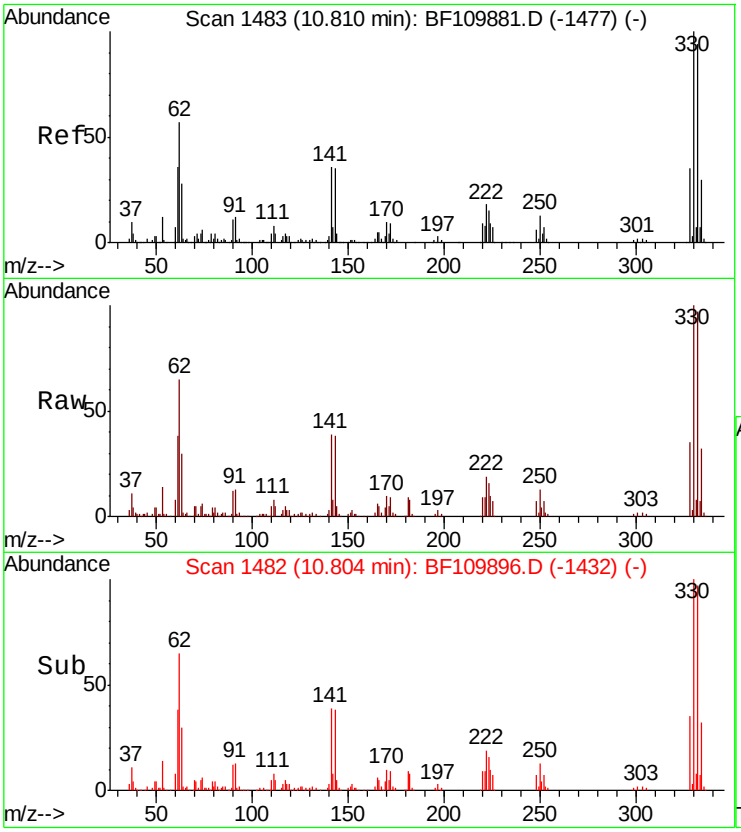


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:164 Resp: 603668

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.6
160	48.3	37.0	55.6



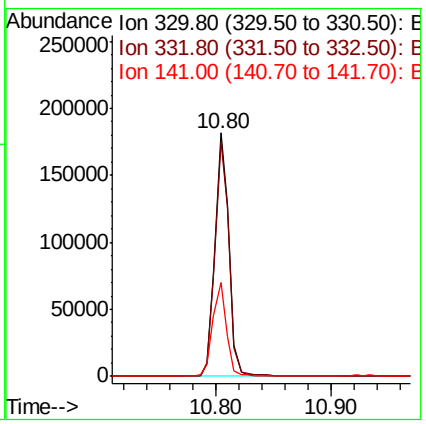


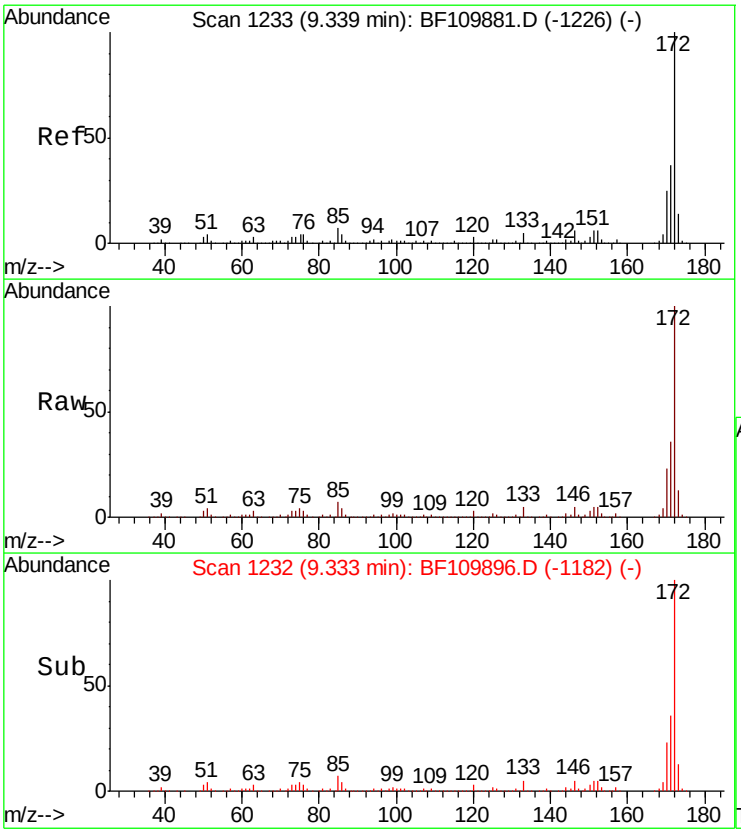
#42
2,4,6-Tribromophenol
Concen: 29.066 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 151912

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	38.4	27.0	40.4

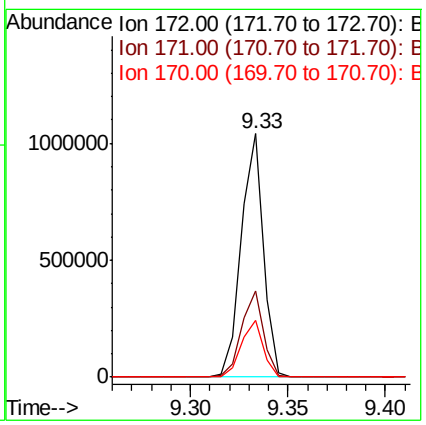


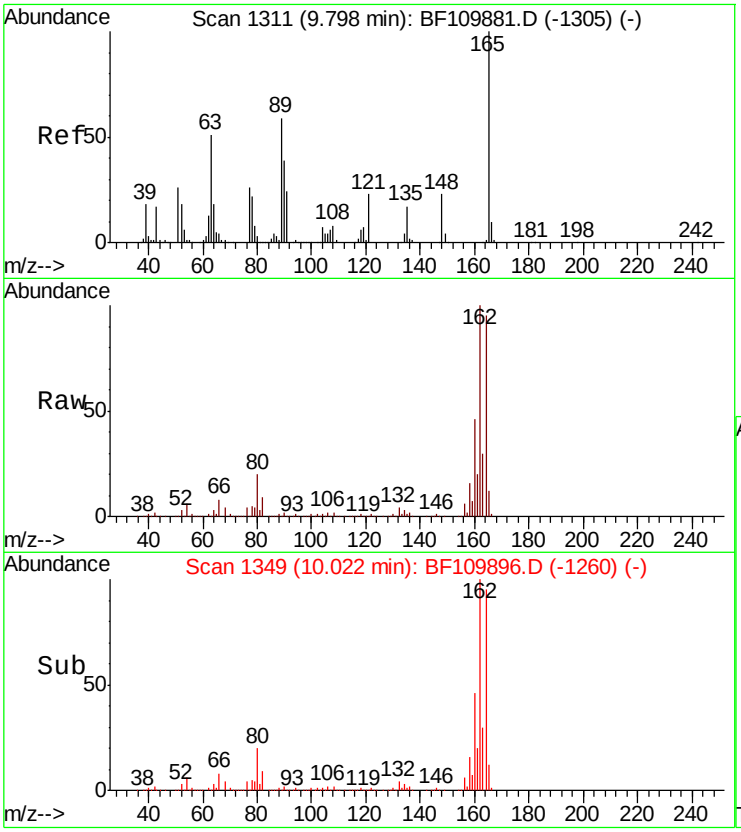


#45
2-Fluorobiphenyl
Concen: 21.618 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:172 Resp: 817837

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.4	19.7	29.5



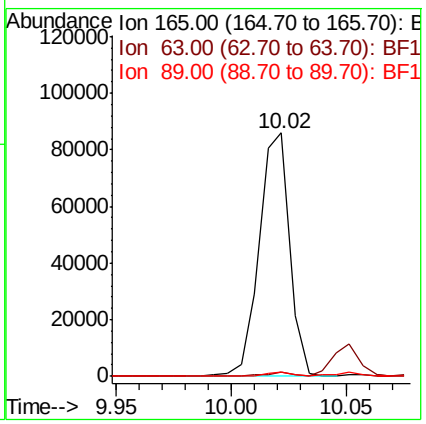


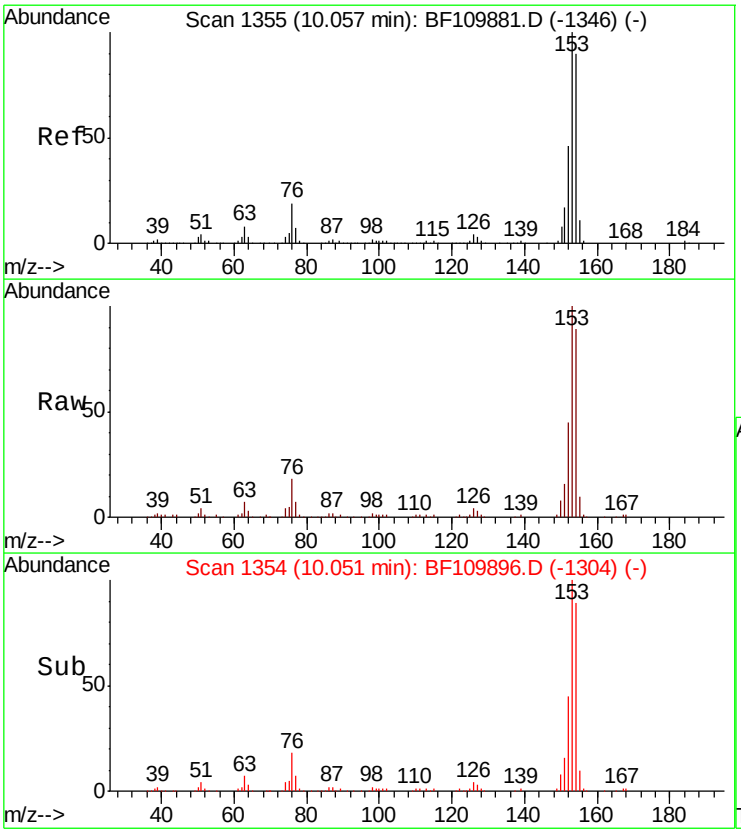
#51
2,6-Dinitrotoluene
Concen: 9.741 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.22 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 79081

Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.9	73.3#
89	1.5	46.6	69.8#

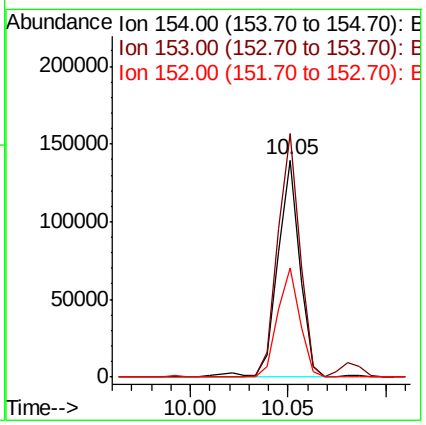


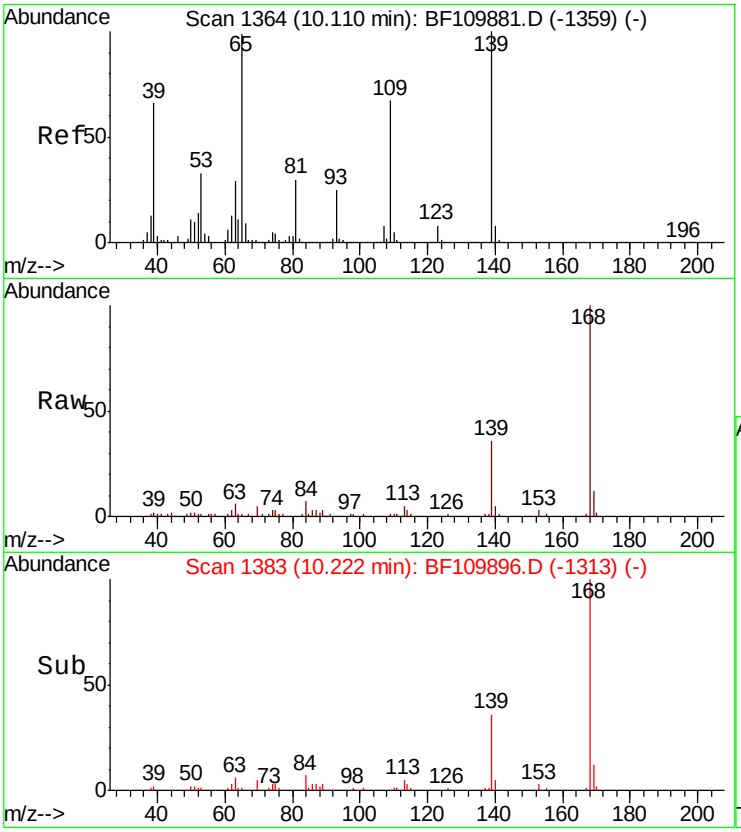


#52
Acenaphthene
Concen: 2.990 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:154 Resp: 109561

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.1	135.1
152	50.0	43.4	65.2



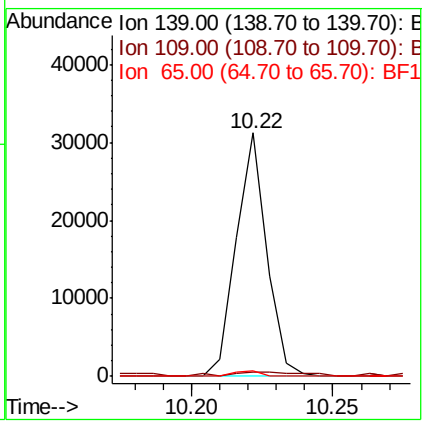


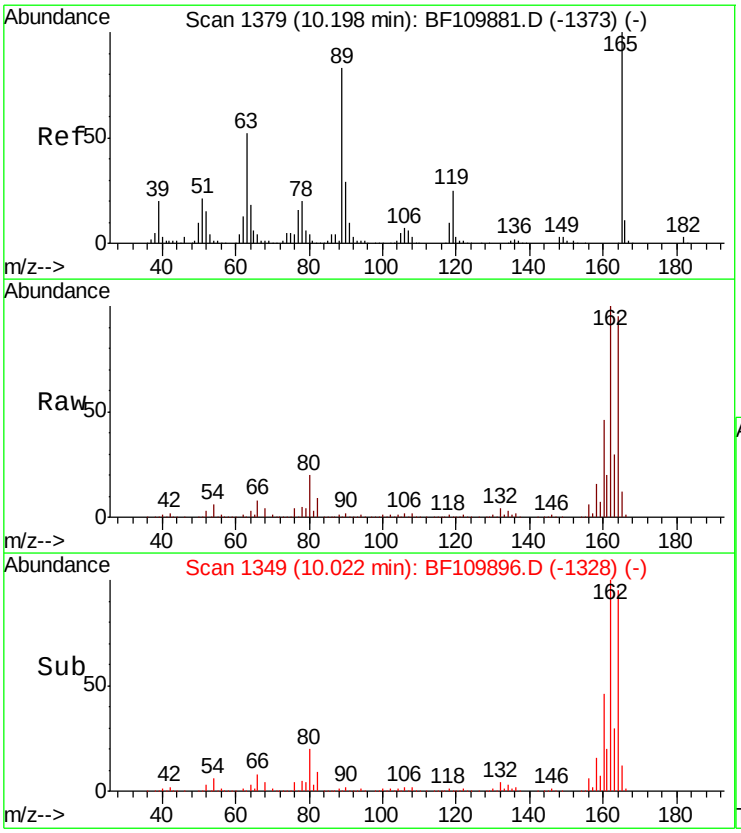
#56
4-Nitrophenol
Concen: 3.092 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.11 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 23299

Ion	Ratio	Lower	Upper
139	100		
109	1.7	55.8	95.8#
65	2.3	77.9	117.9#

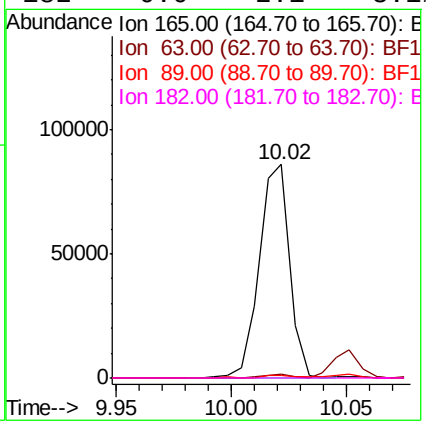


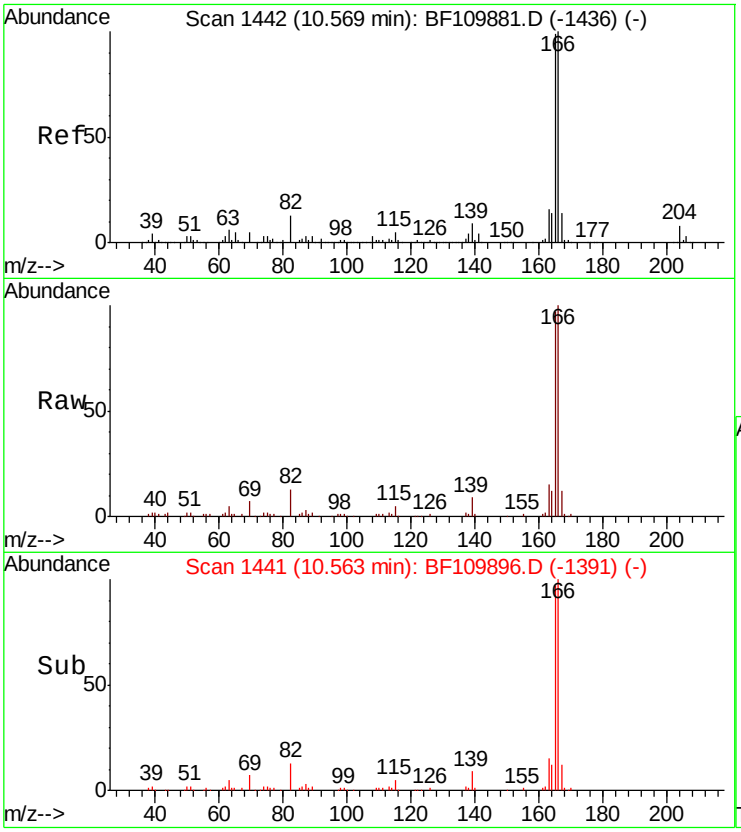


#57
2,4-Dinitrotoluene
Concen: 11.558 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.18 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:165 Resp: 79081

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#



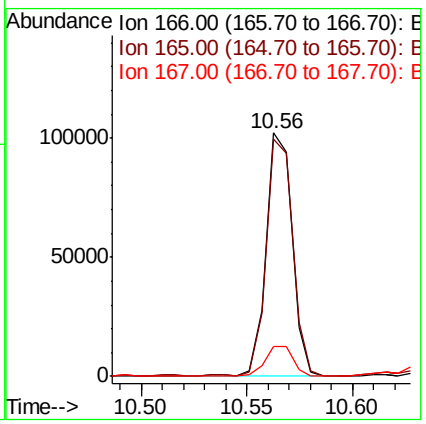


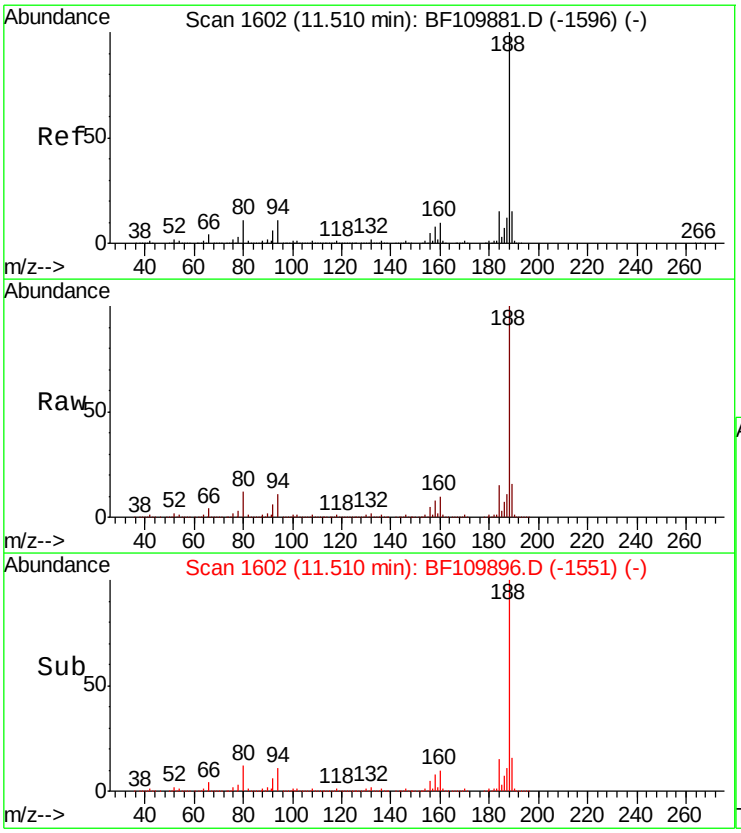
#58
Fluorene
Concen: 2.329 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 88593

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	117.8
167	12.4	10.8	16.2

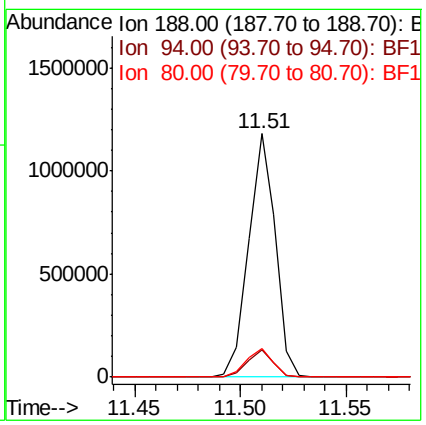


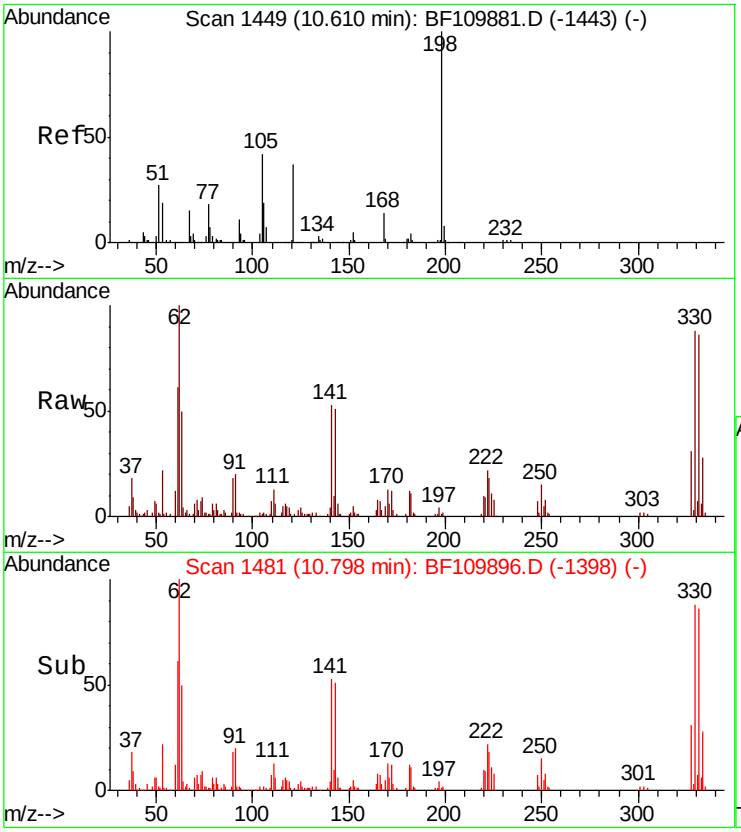


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:188 Resp: 1037348

Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.2	10.8#
80	11.6	7.9	11.9



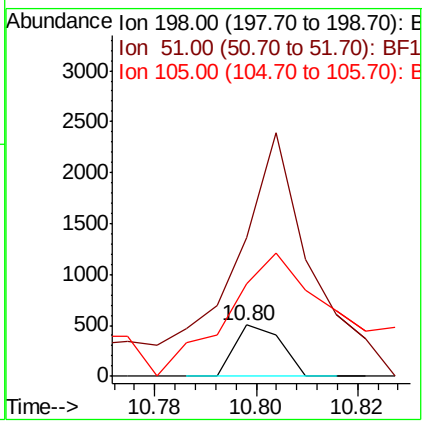


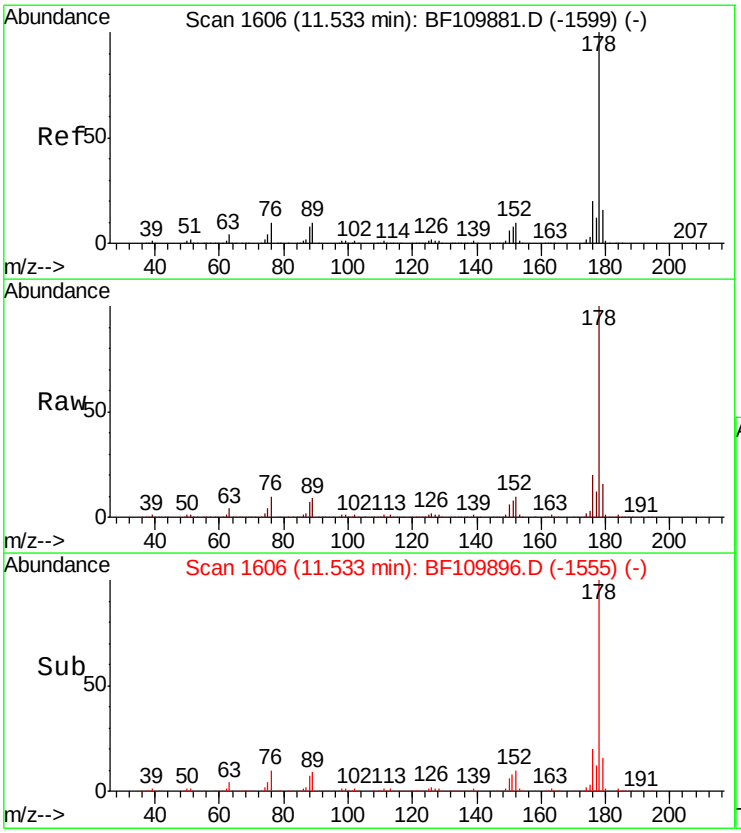
#65
4,6-Dinitro-2-methylphenol
Concen: 7.976 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.19 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 323

Ion	Ratio	Lower	Upper
198	100		
51	270.4	22.8	62.8#
105	180.6	23.6	63.6#

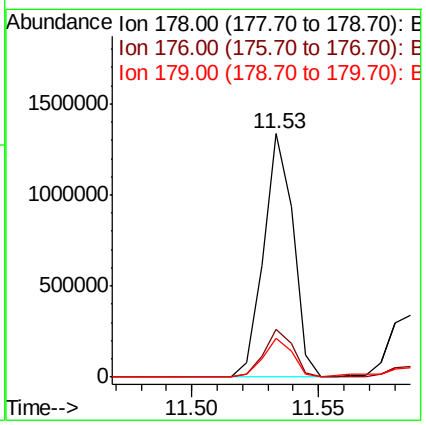


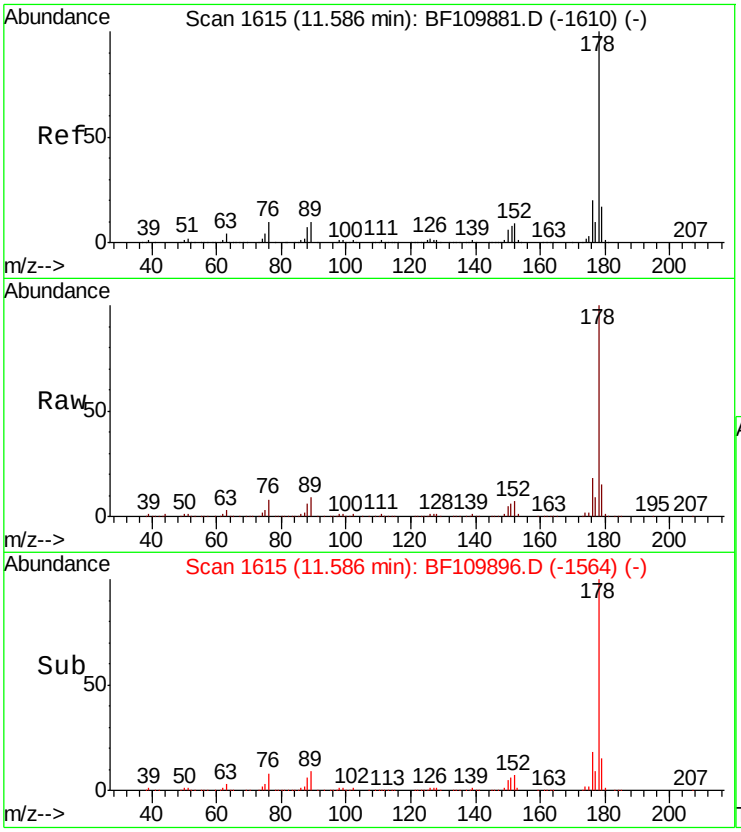


#71
Phenanthrene
Concen: 20.401 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:178 Resp: 1095635

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.8	12.5	18.7



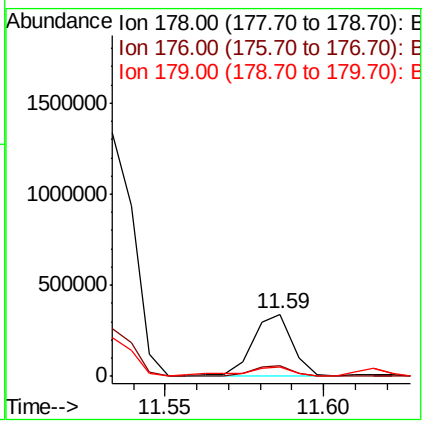


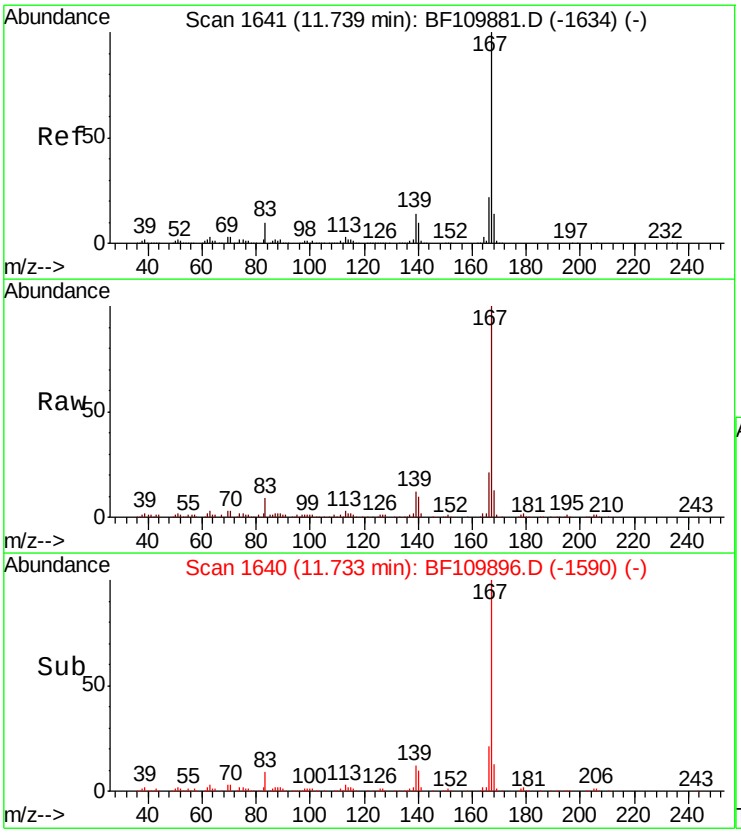
#72
Anthracene
Concen: 5.454 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 294477

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.4	12.6	18.8

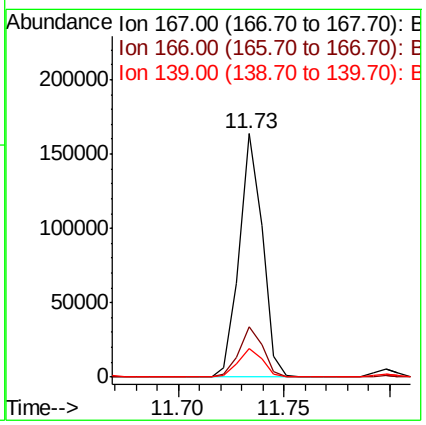


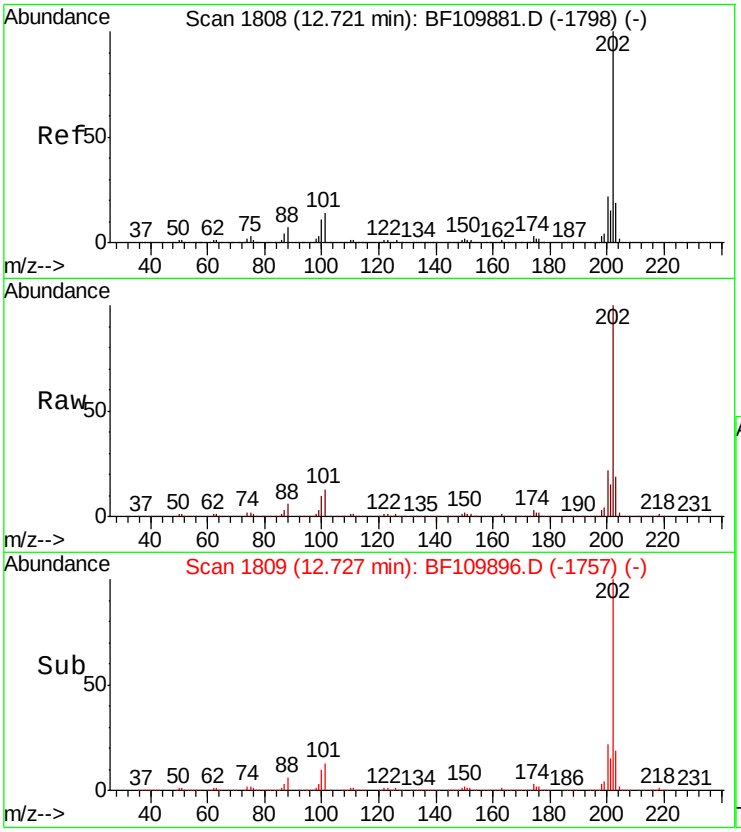


#73
Carbazole
Concen: 2.343 ng
RT: 11.73 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:167 Resp: 124345

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.4	26.0
139	11.9	10.9	16.3



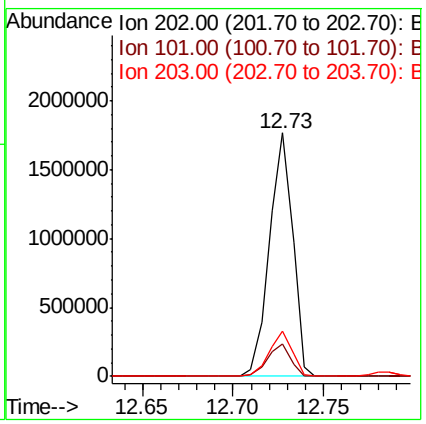


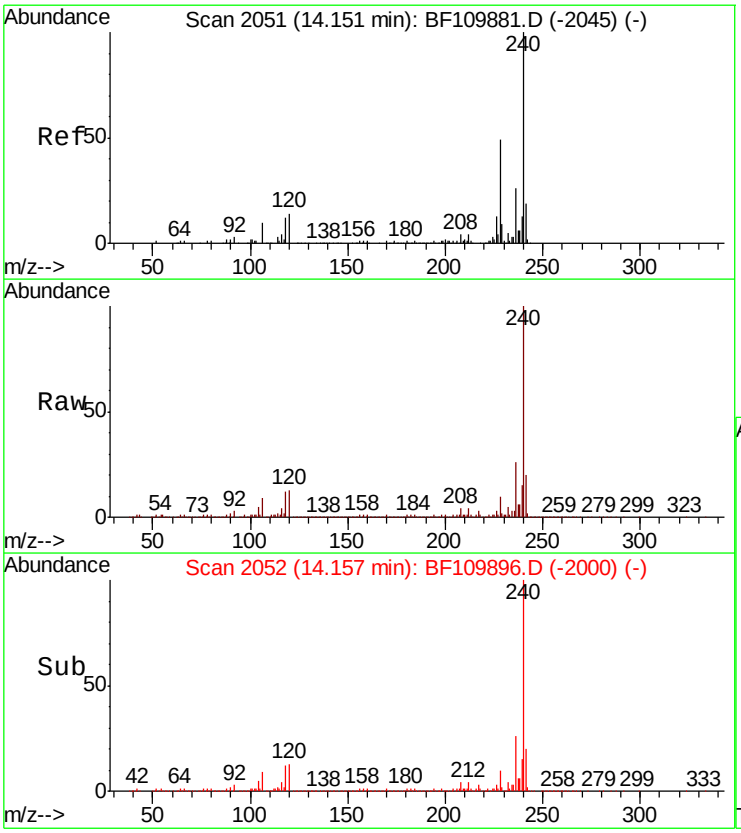
#75
Fluoranthene
Concen: 29.321 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1573038

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.4
203	18.7	0.0	37.7

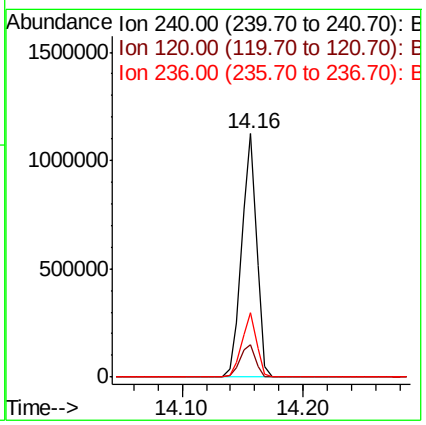


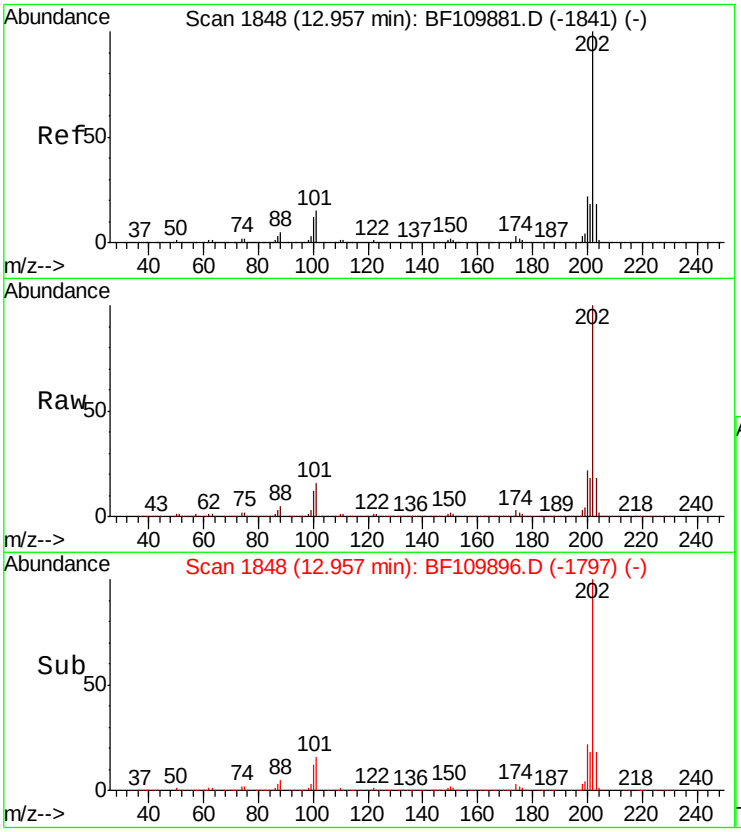


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:240 Resp: 978029

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.3	12.5#
236	26.2	21.2	31.8



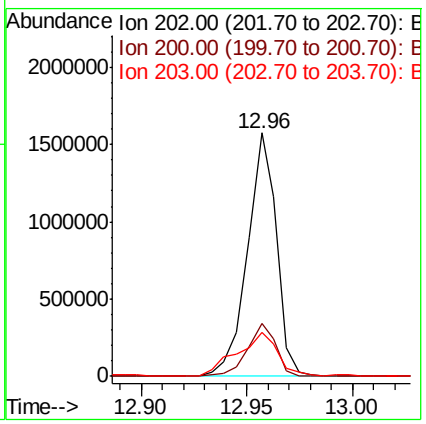


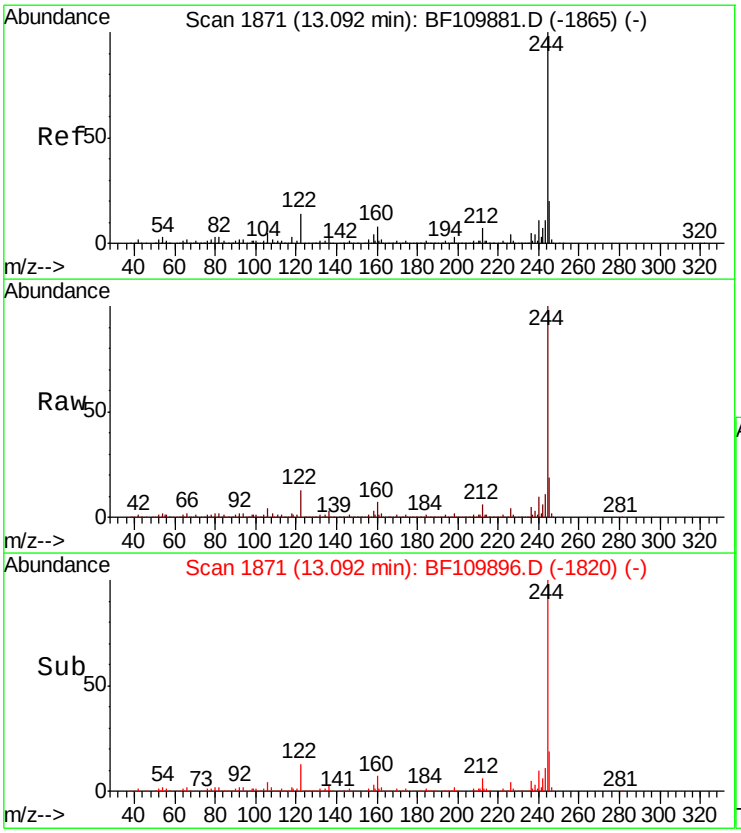
#78
Pyrene
Concen: 20.946 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1504638

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	18.2	14.2	21.4

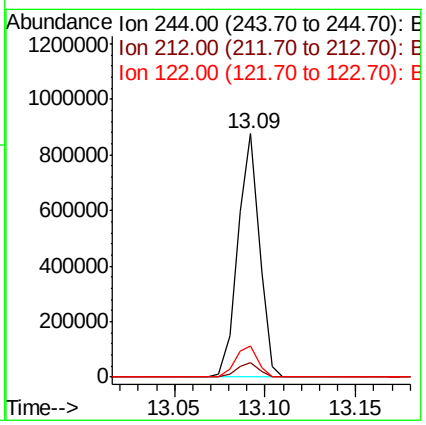


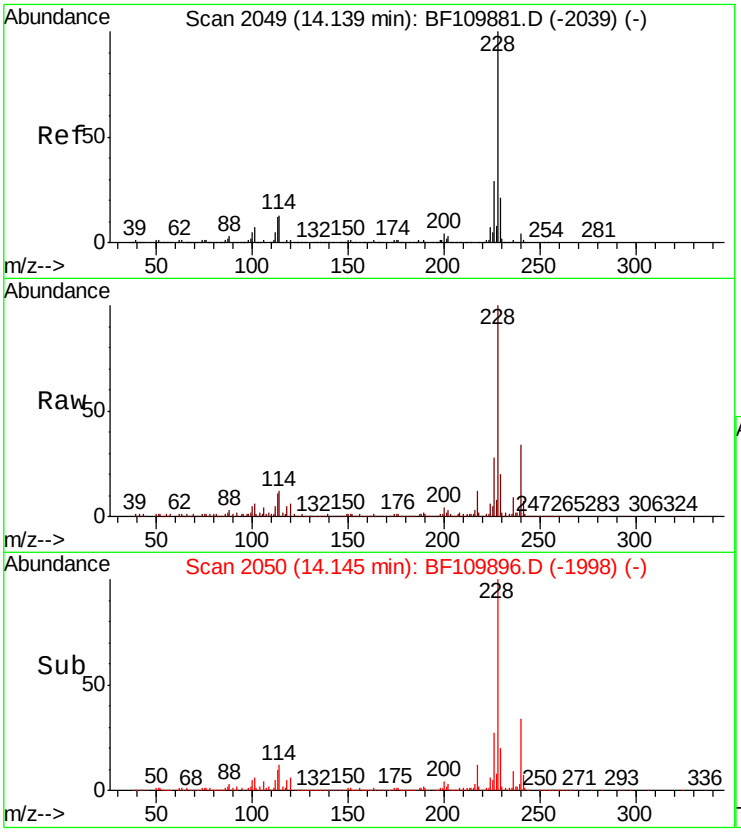


#79
Terphenyl-d14
Concen: 15.550 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:244 Resp: 724212

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.8	8.8
122	12.8	8.7	13.1



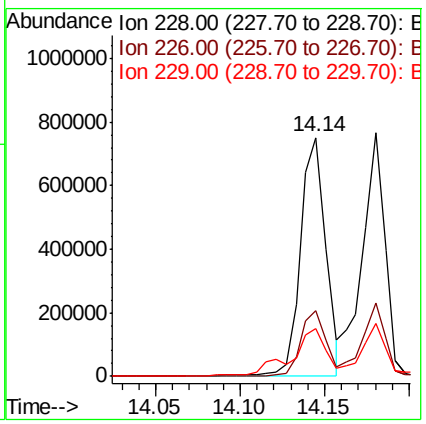


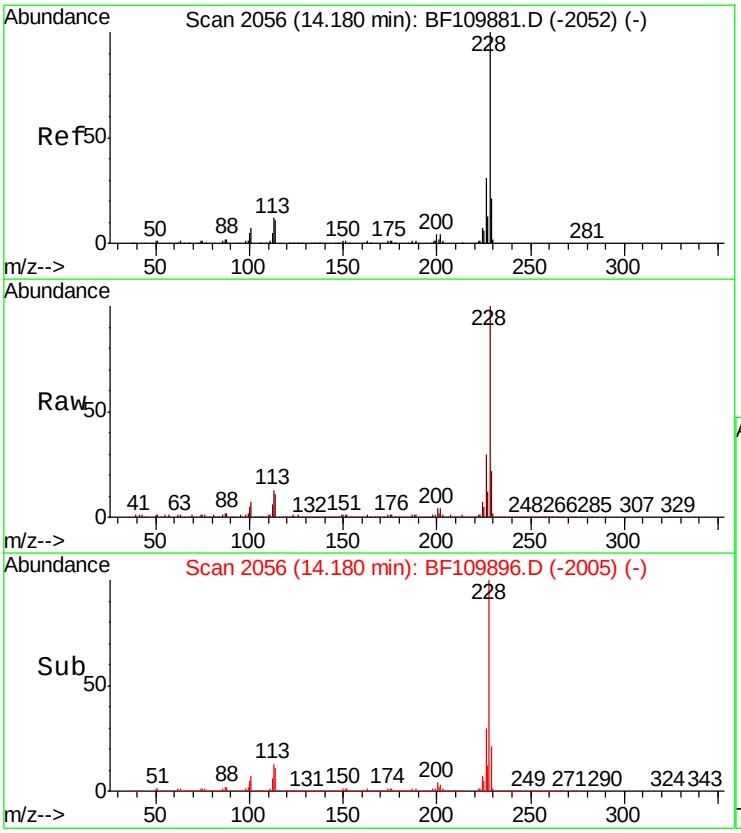
#81
Benzo(a)anthracene
Concen: 13.492 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 777279

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.1	15.6	23.4

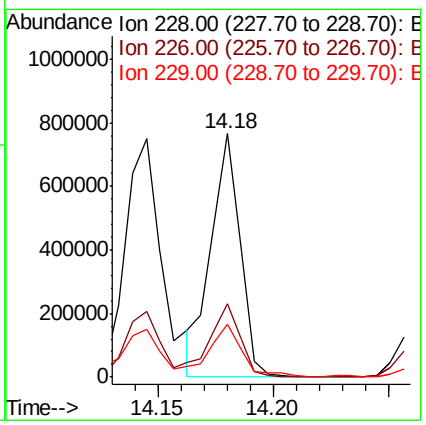


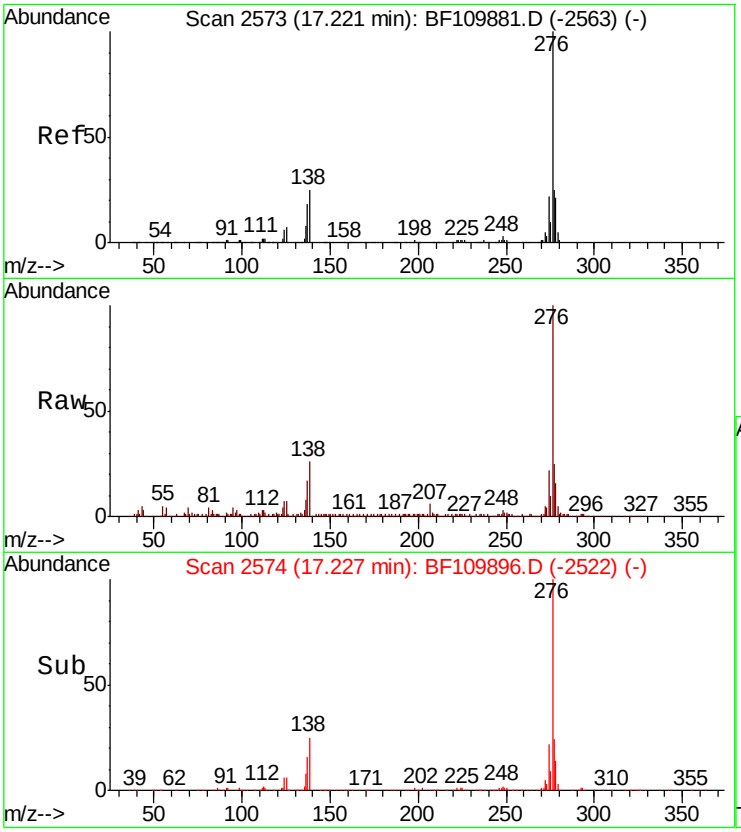


#83
Chrysene
Concen: 12.142 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:228 Resp: 665798

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	21.8	15.9	23.9



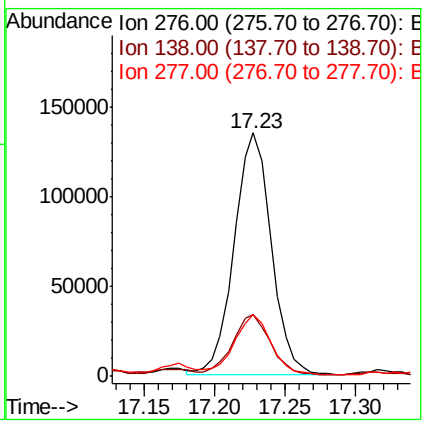


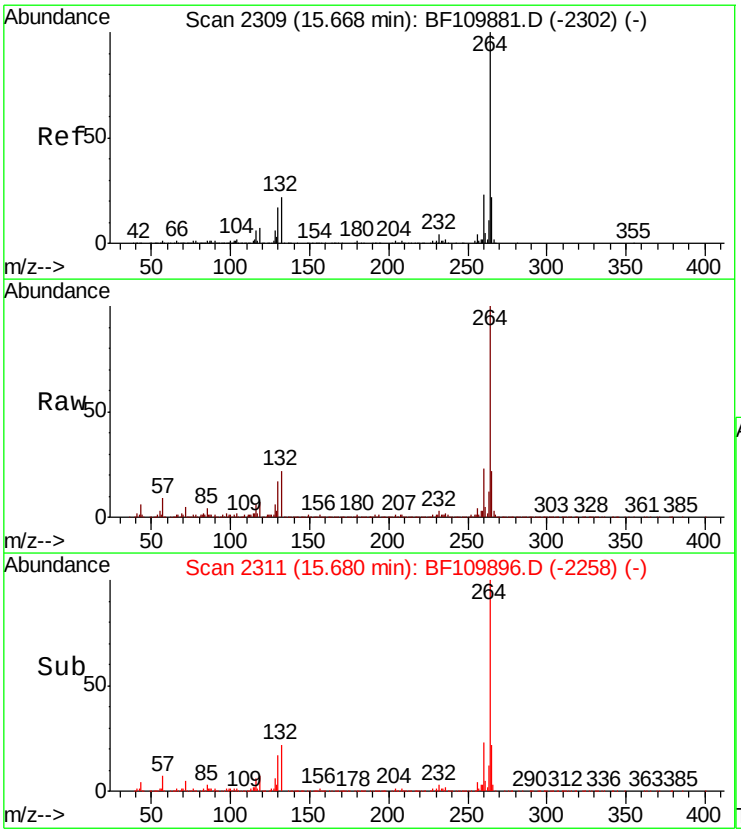
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.574 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 246106

Ion	Ratio	Lower	Upper
276	100		
138	25.5	18.5	27.7
277	24.6	20.0	30.0

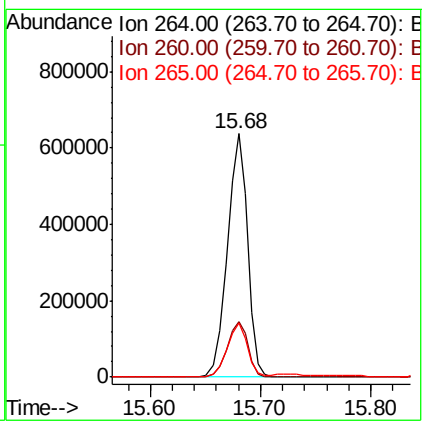


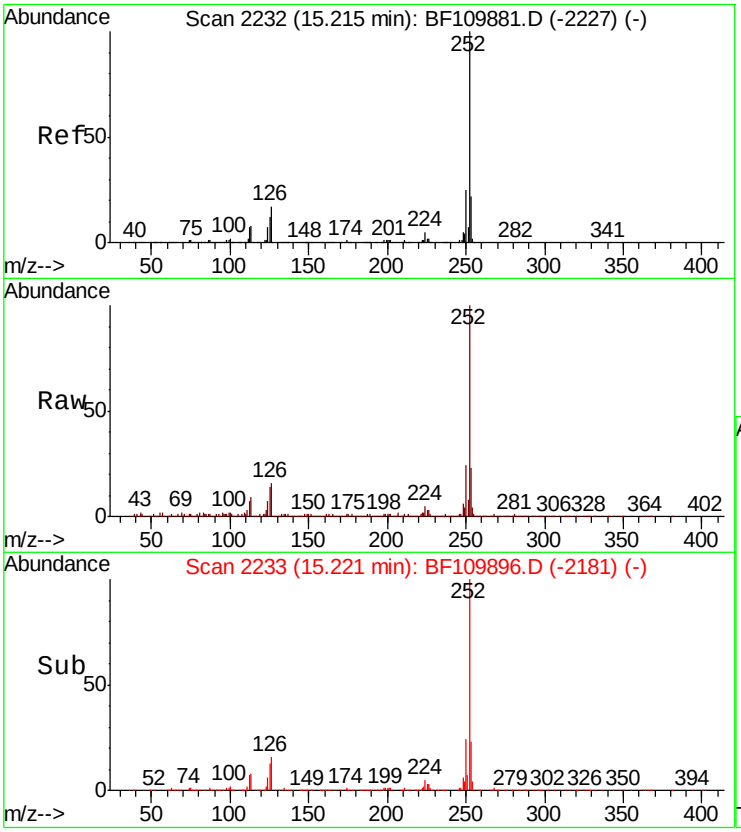


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:264 Resp: 812103

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	22.0	16.7	25.1



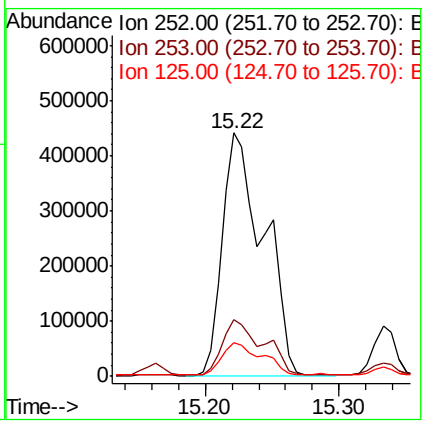


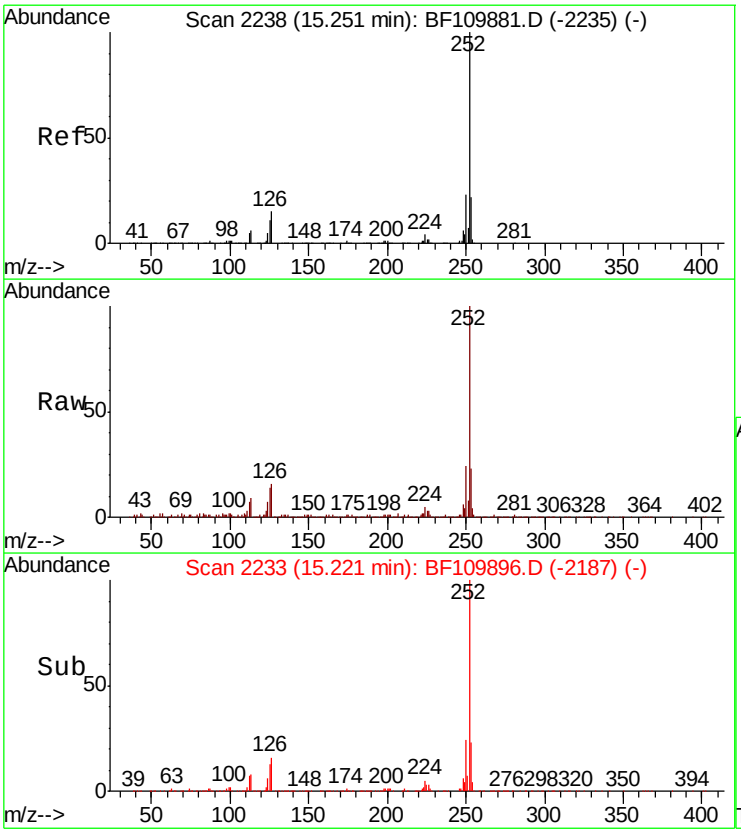
#88
Benzo(b)fluoranthene
Concen: 20.368 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 953628

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	13.7	8.2	12.4#

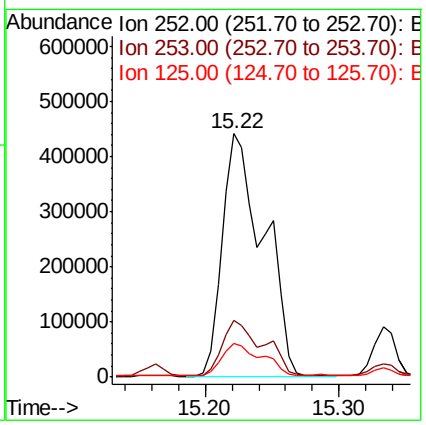


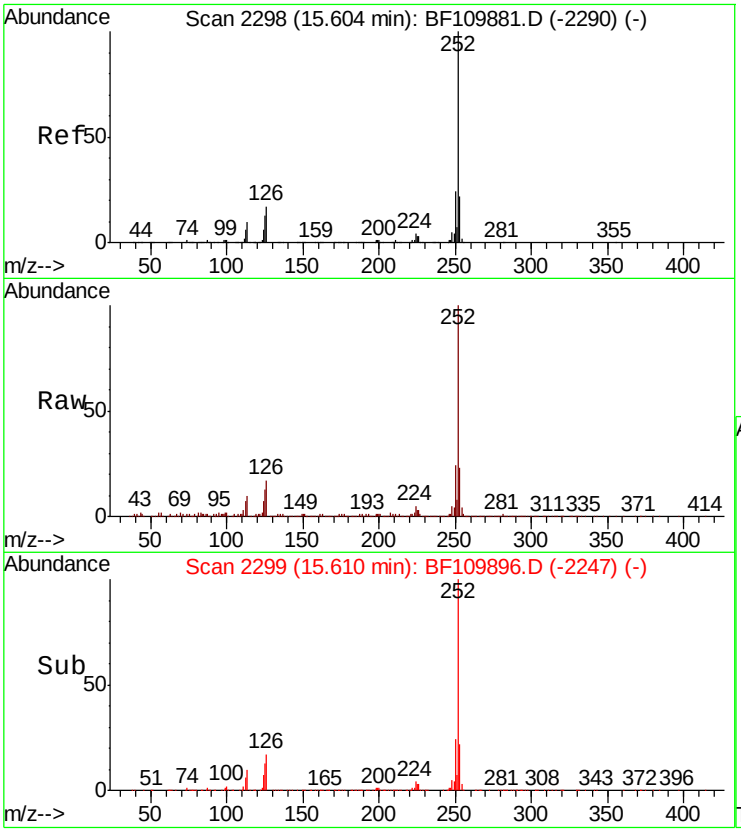


#89
Benzo(k)fluoranthene
Concen: 20.665 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:252 Resp: 953628

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	13.7	7.4	11.0#



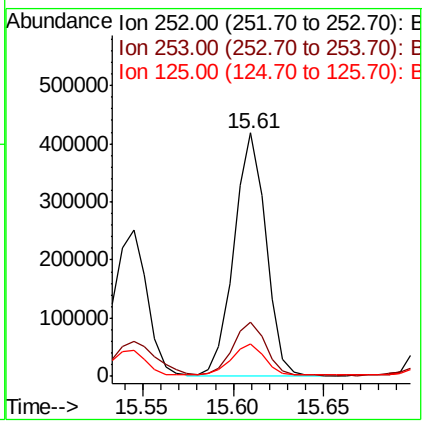


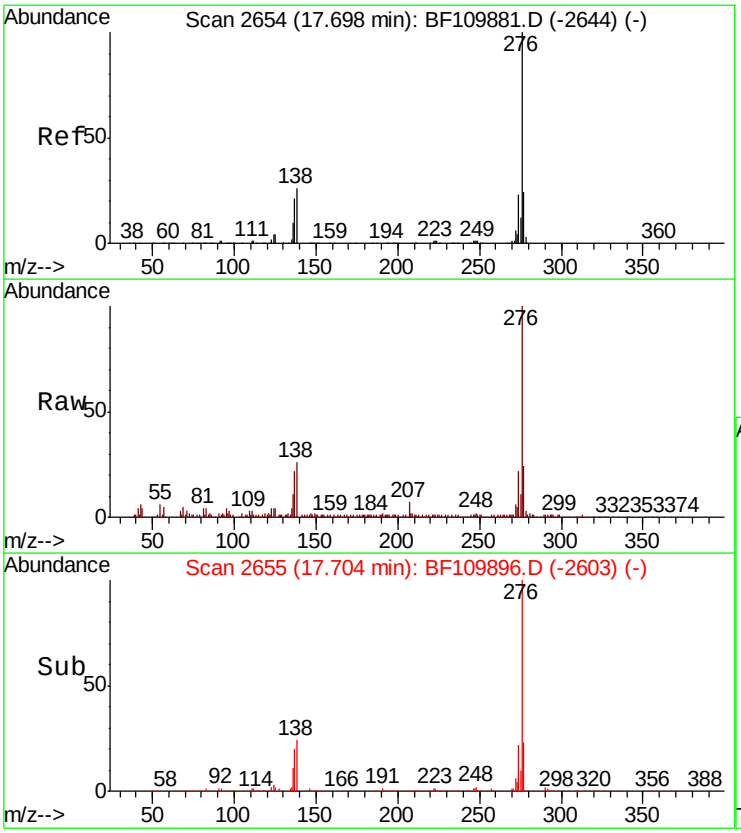
#90
Benzo(a)pyrene
Concen: 11.825 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 509193

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	13.4	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 6.003 ng
RT: 17.70 min Scan# 2655
Delta R.T. 0.01 min
Lab File: BF109896.D
Acq: 15 Oct 2018 23:01

Tgt Ion:276 Resp: 231442

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	26.0	16.0	24.0#