Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109043.D
Acq On : 17 Sep 2018 12:58
Operator : JU/SJ
Sample : J4775-05 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-091418-A

Quant Time: Sep 17 14:29:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	97489	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	343857	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	154112	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	291882	20.00	ng		0.00
75) Chrysene-d12	13.85	240	293760	20.00	ng		0.00
86) Perylene-d12	15.25	264	276680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	163487	27.85	ng		0.00
7) Phenol-d6	6.34	99	204754	27.05	ng		-0.02
23) Nitrobenzene-d5	7.27	82	119451	19.48	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	43024	25.72	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	214207	21.78	ng		0.00
78) Terphenyl-d14	12.81	244	216288	17.45	ng		0.00
Target Compounds							Qvalue
57) Fluorene	10.30	166	20731	2.322	ng	#	95
70) Phenanthrene	11.25	178	211321	14.769	ng		98
71) Anthracene	11.30	178	64353	4.437	ng		96
74) Fluoranthene	12.44	202	302938	20.055	ng		98
77) Pyrene	12.66	202	331377	15.187	ng		100
80) Benzo(a)anthracene	13.84	228	179839	10.112	ng		96
82) Chrysene	13.88	228	147496	8.289	ng		95
85) Indeno(1,2,3-cd)pyrene	16.60	276	57107	4.014	ng		93
87) Benzo(b)fluoranthene	14.86	252	229634	15.002	ng		98
88) Benzo(k)fluoranthene	14.86	252	229634	16.062	ng		99
89) Benzo(a)pyrene	15.19	252	123392	9.077	ng		95
91) Benzo(g,h,i)perylene	17.01	276	52061	4.560	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
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Acq On : 17 Sep 2018 12:58
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Misc :
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Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Quant Time: Sep 17 14:29:04 2018
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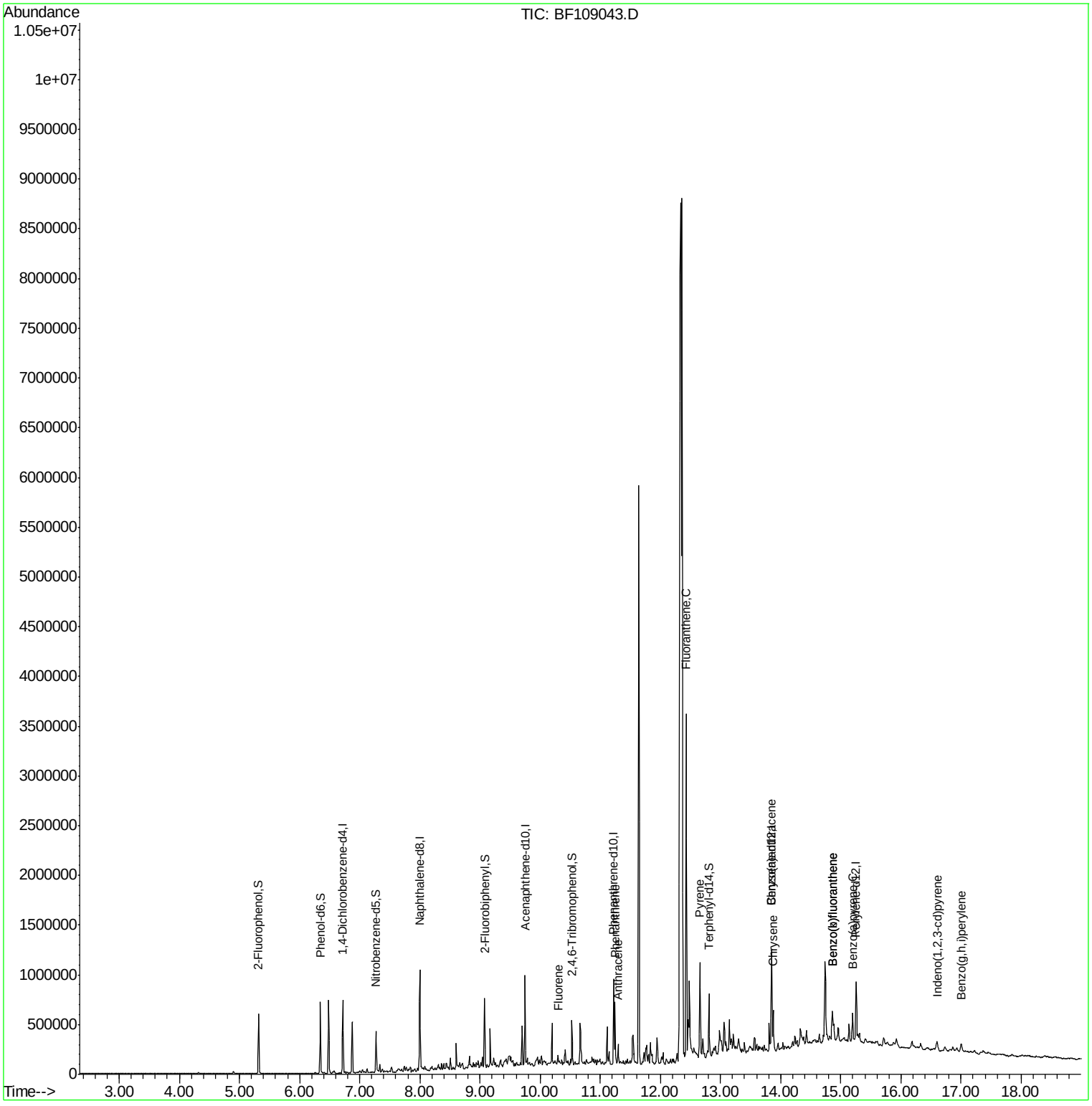
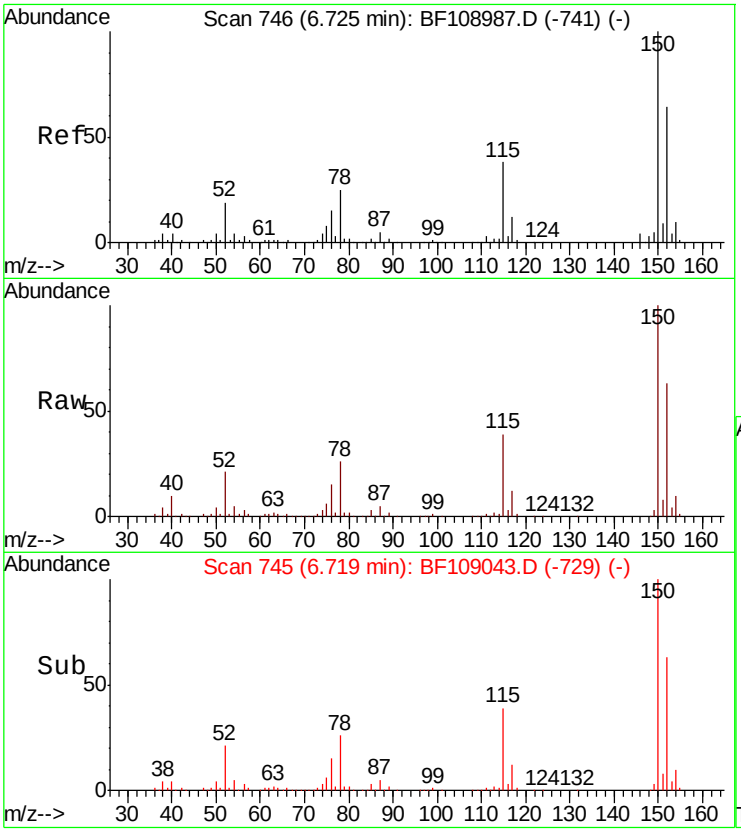
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



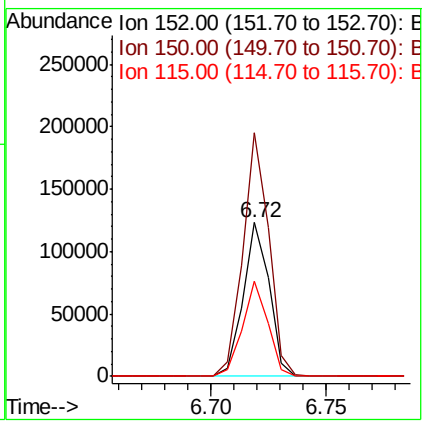


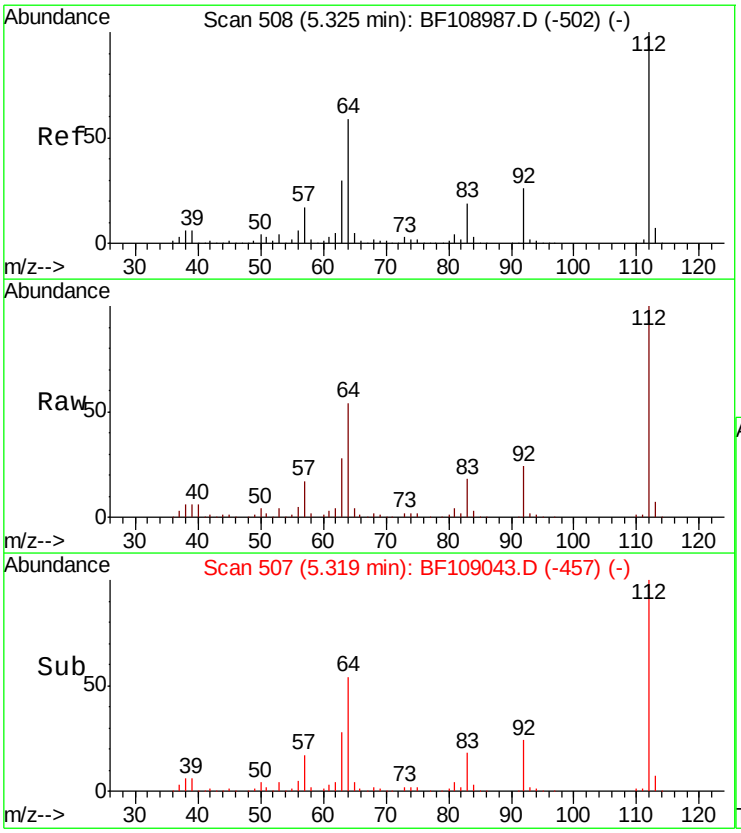
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Tgt Ion:152 Resp: 97489

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	61.7	50.1	75.1

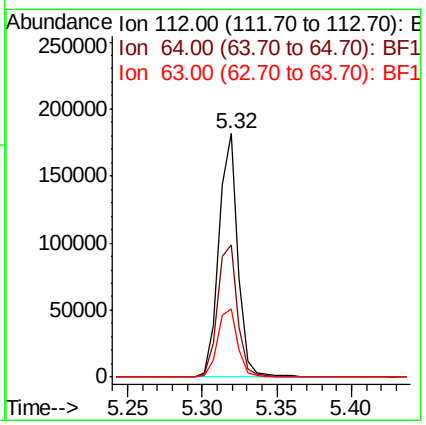


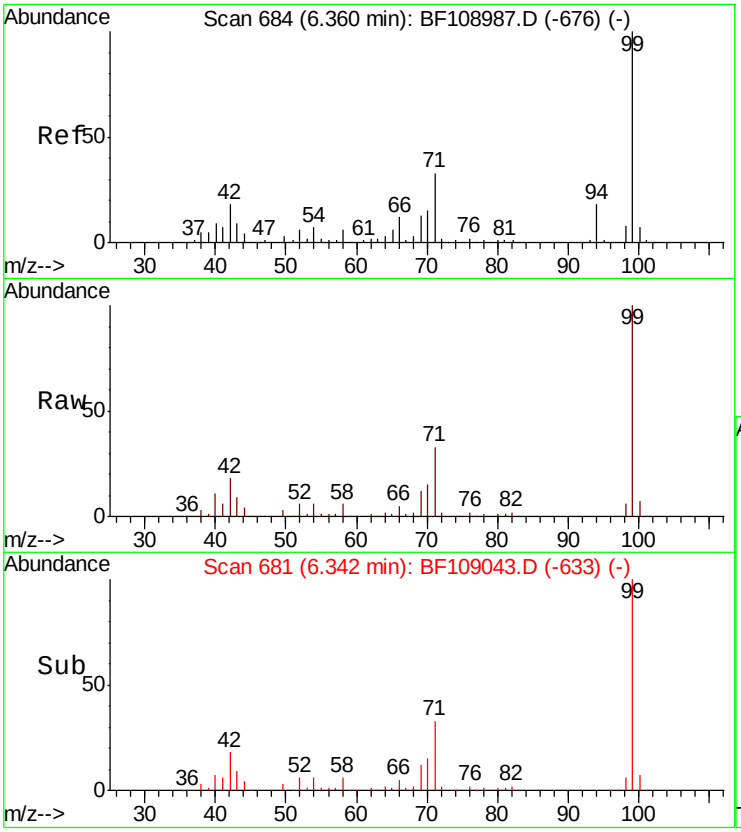


#5
2-Fluorophenol
Concen: 27.853 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Tgt Ion:112 Resp: 163487

Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.9	71.9
63	28.0	23.7	35.5



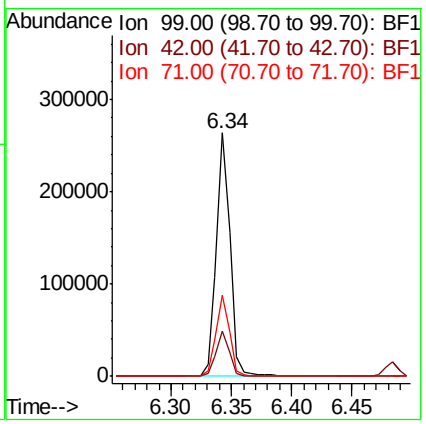


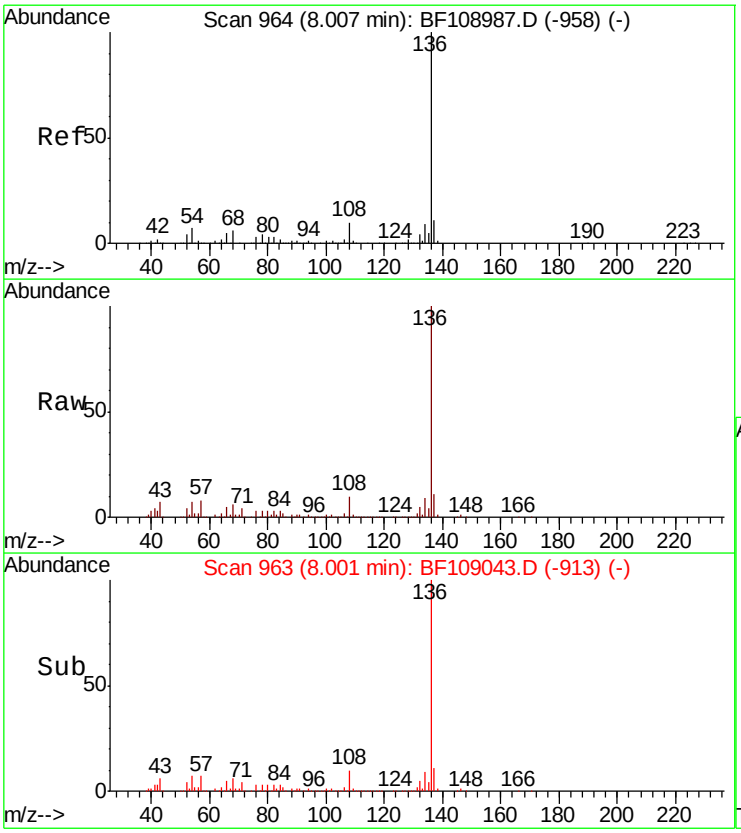
#7
Phenol-d6
Concen: 27.053 ng
RT: 6.34 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Tgt Ion: 99 Resp: 204754

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	33.3	25.4	38.0

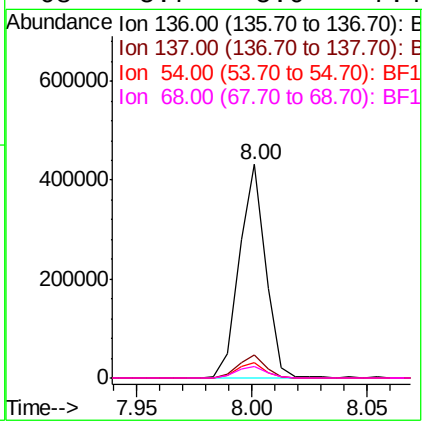


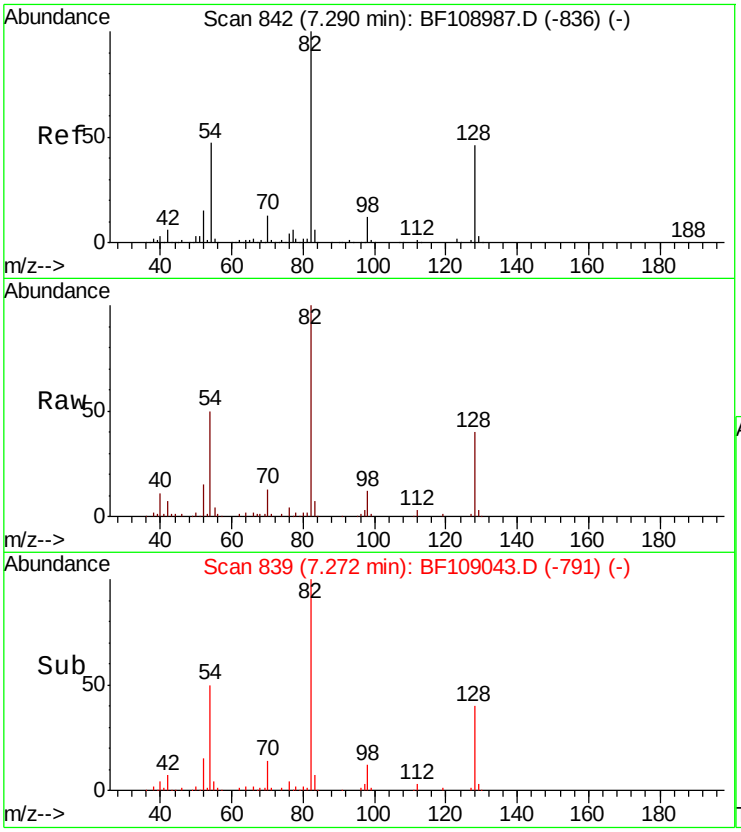


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Tgt Ion:136 Resp: 343857

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4



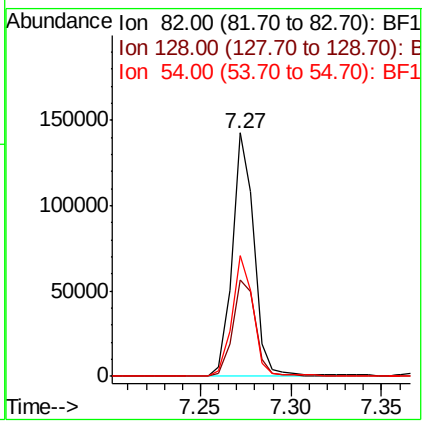


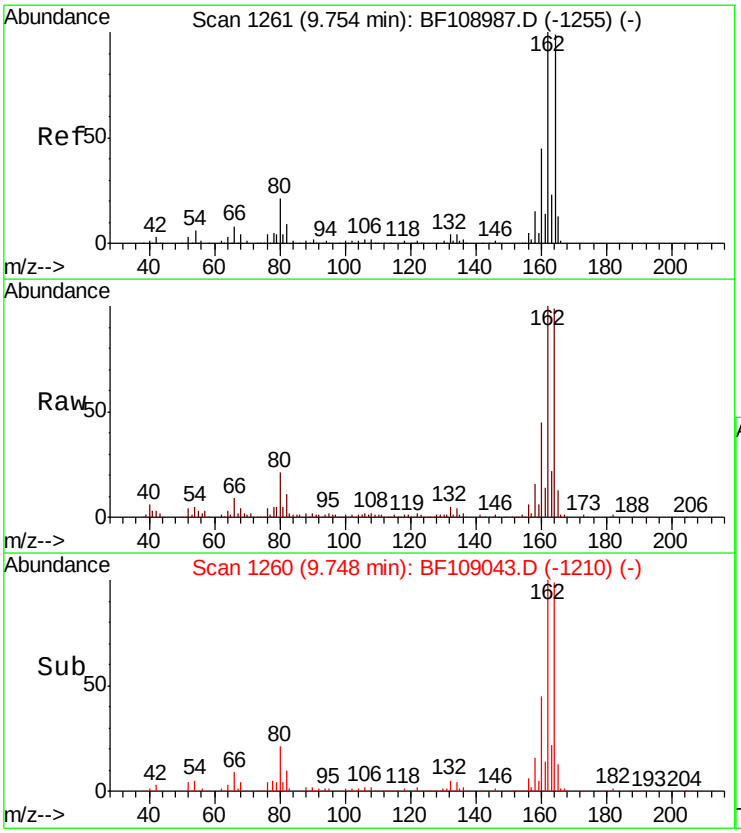
#23
Nitrobenzene-d5
Concen: 19.484 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.02 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Tgt Ion: 82 Resp: 119451

Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.1	54.1
54	49.6	41.4	62.2

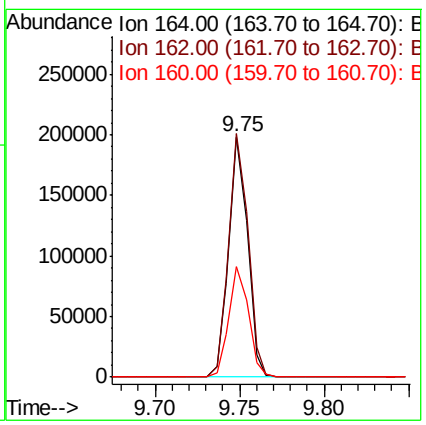


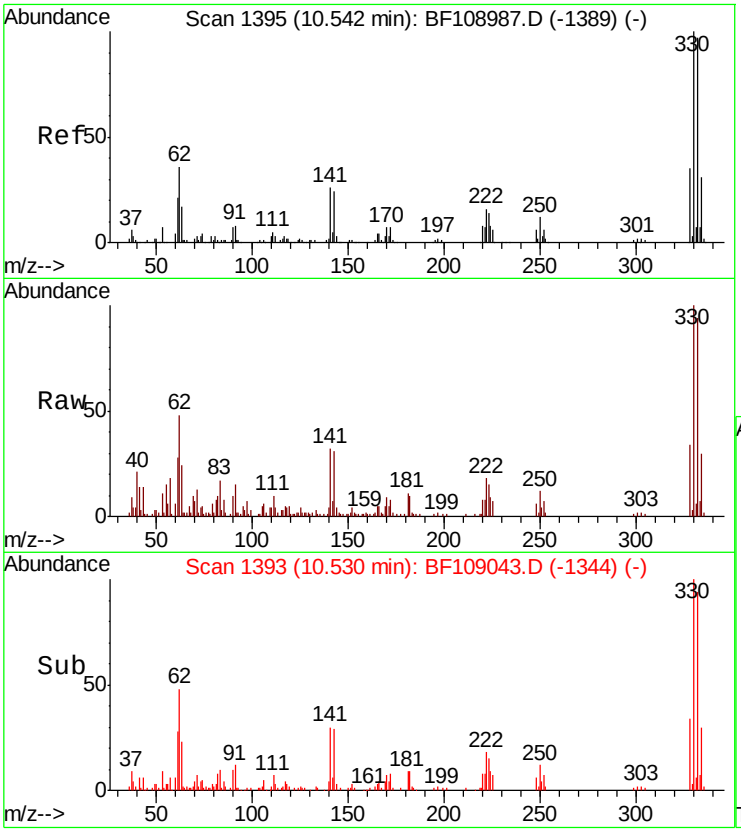


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Tgt Ion:164 Resp: 154112

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	46.1	38.3	57.5



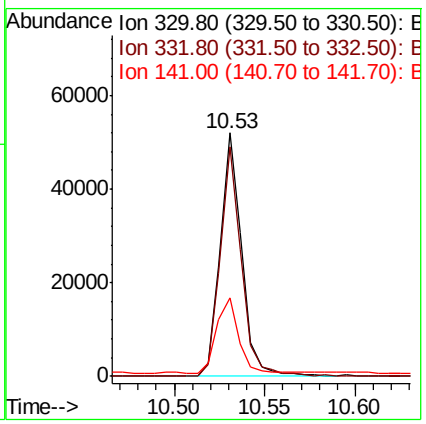


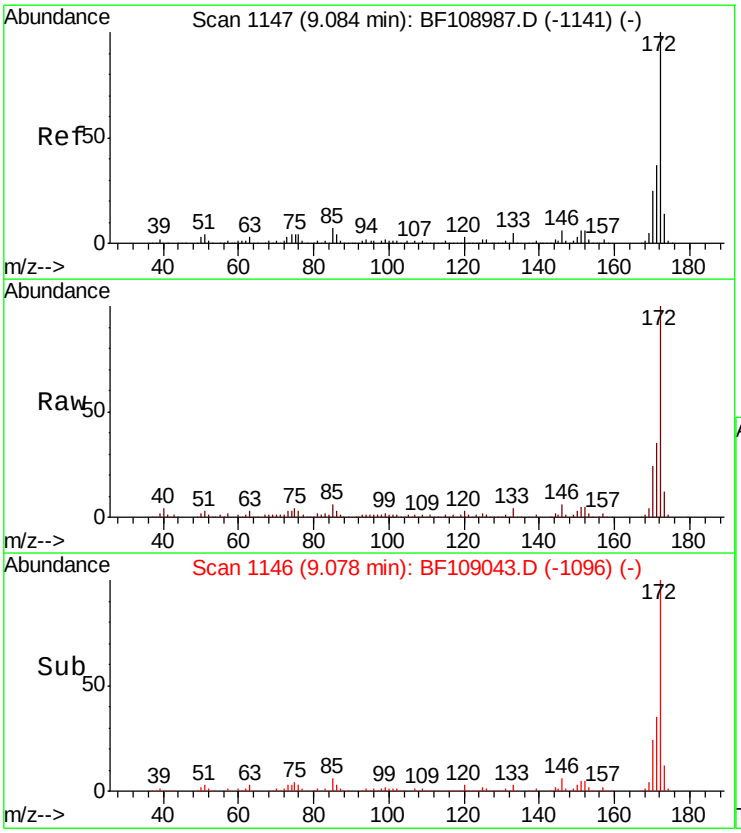
#41
2,4,6-Tribromophenol
Concen: 25.724 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Tgt Ion:330 Resp: 43024

Ion	Ratio	Lower	Upper
330	100		
332	92.6	77.0	115.6
141	33.1	29.9	44.9

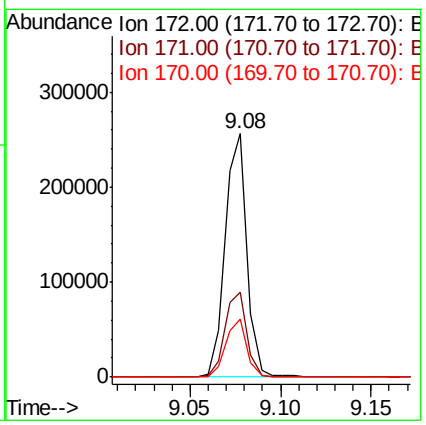


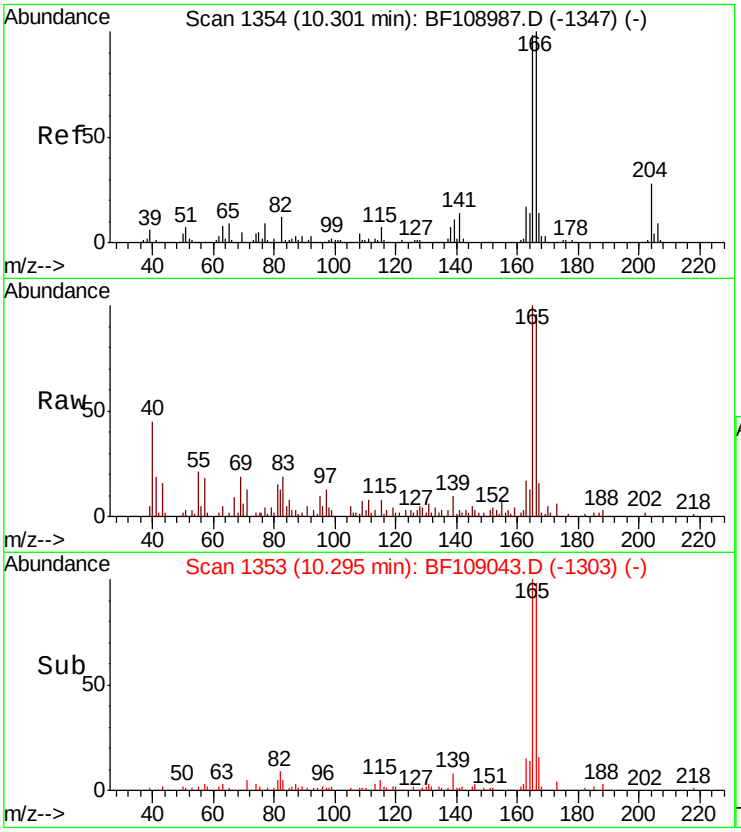


#44
2-Fluorobiphenyl
Concen: 21.777 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Tgt Ion:172 Resp: 214207

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.9	19.6	29.4



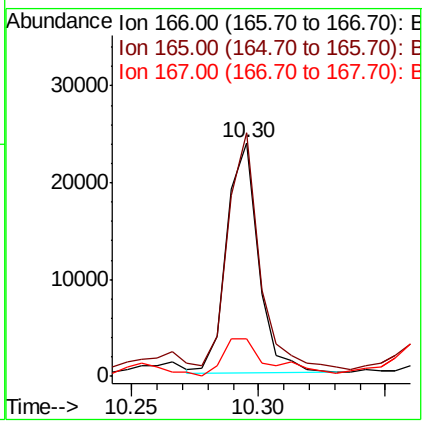


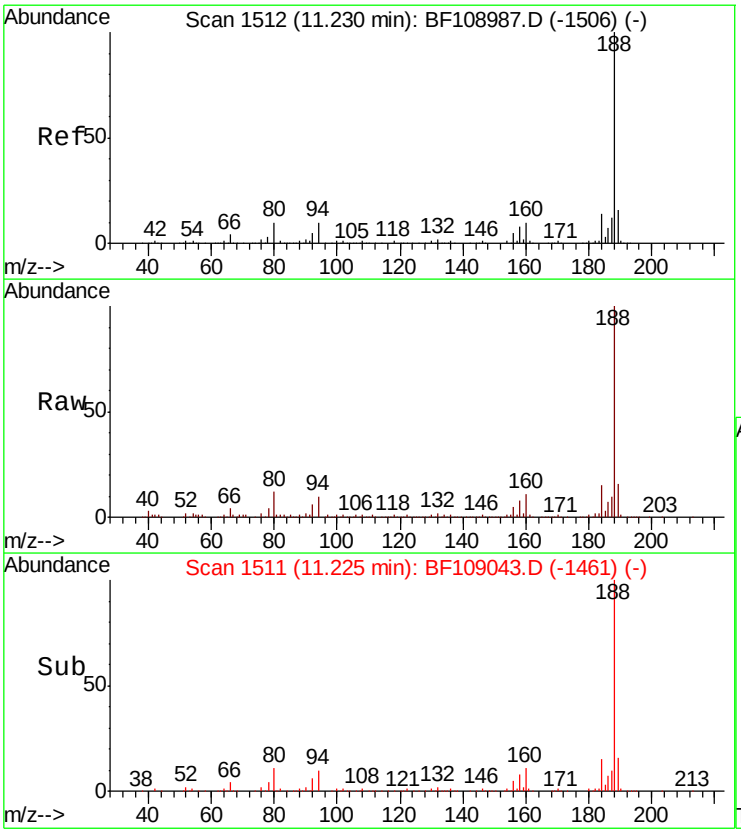
#57
Fluorene
Concen: 2.322 ng
RT: 10.30 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Tgt Ion:166 Resp: 20731

Ion	Ratio	Lower	Upper
166	100		
165	104.3	79.8	119.8
167	16.3	10.6	16.0#

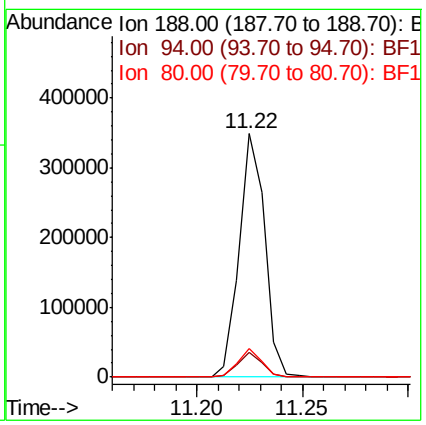


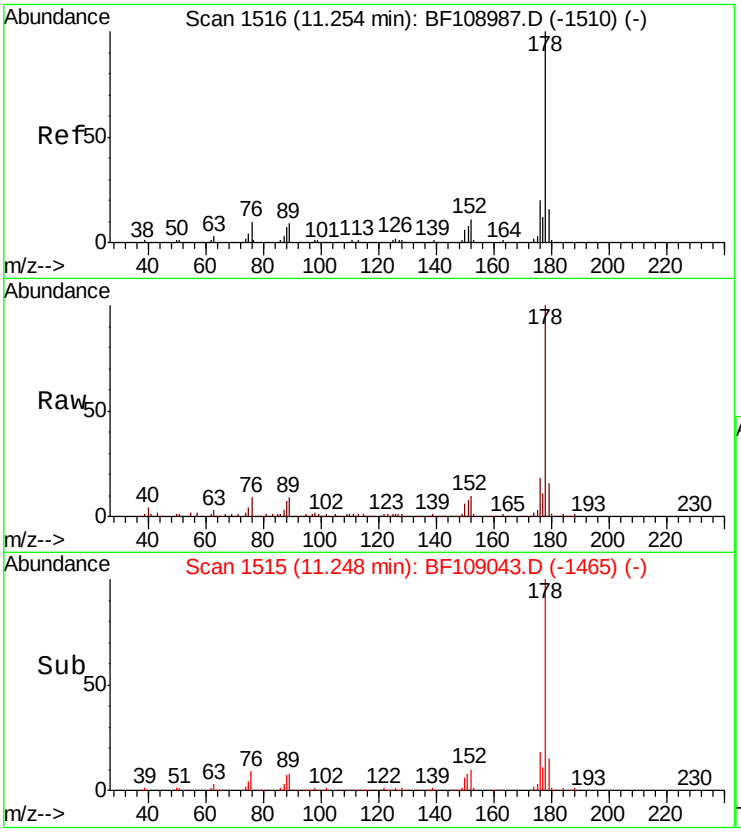


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Tgt Ion:188 Resp: 291882

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.6	9.2	13.8



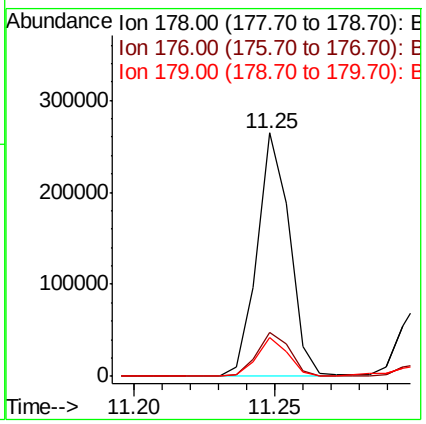


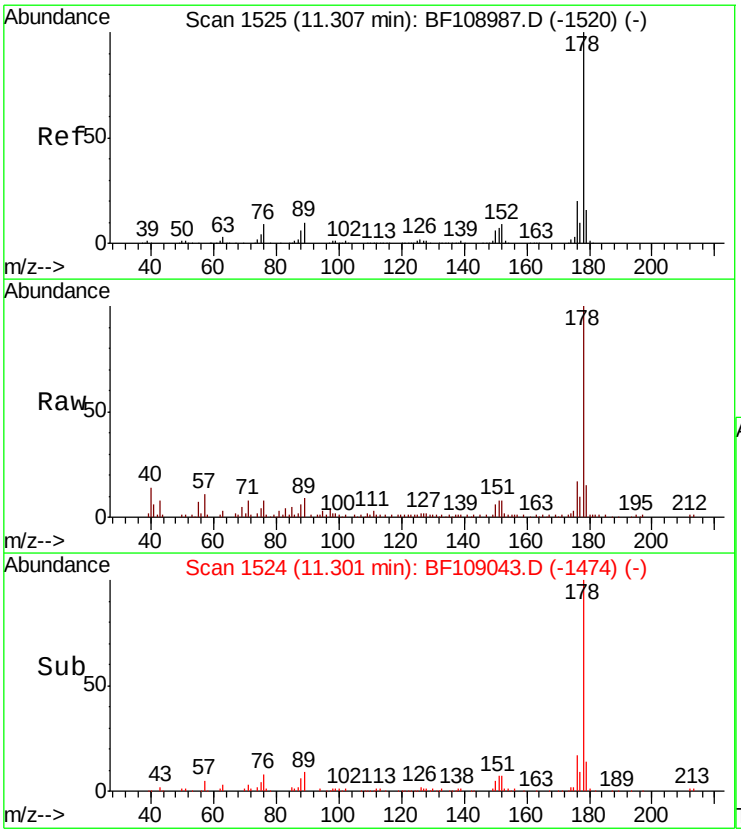
#70
Phenanthrene
Concen: 14.769 ng
RT: 11.25 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Tgt Ion:178 Resp: 211321

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.7	13.0	19.6

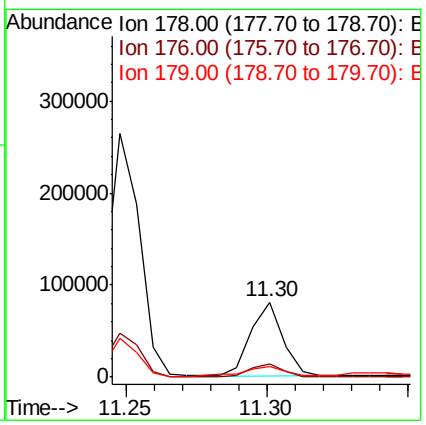


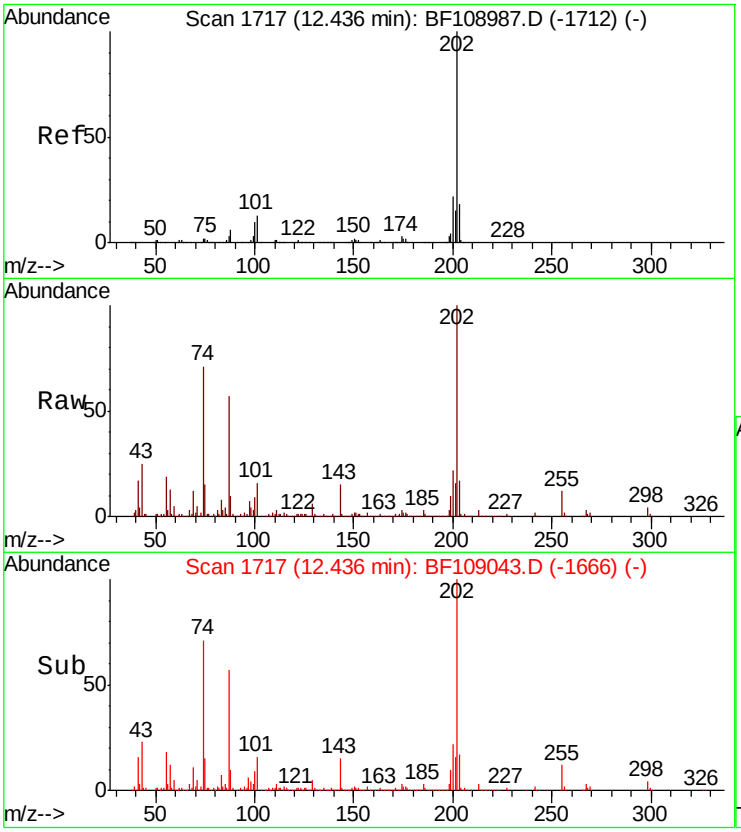


#71
Anthracene
Concen: 4.437 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Tgt Ion:178 Resp: 64353

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.4	23.2
179	14.8	12.6	19.0



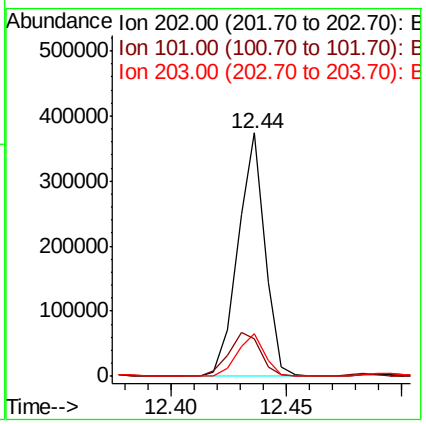


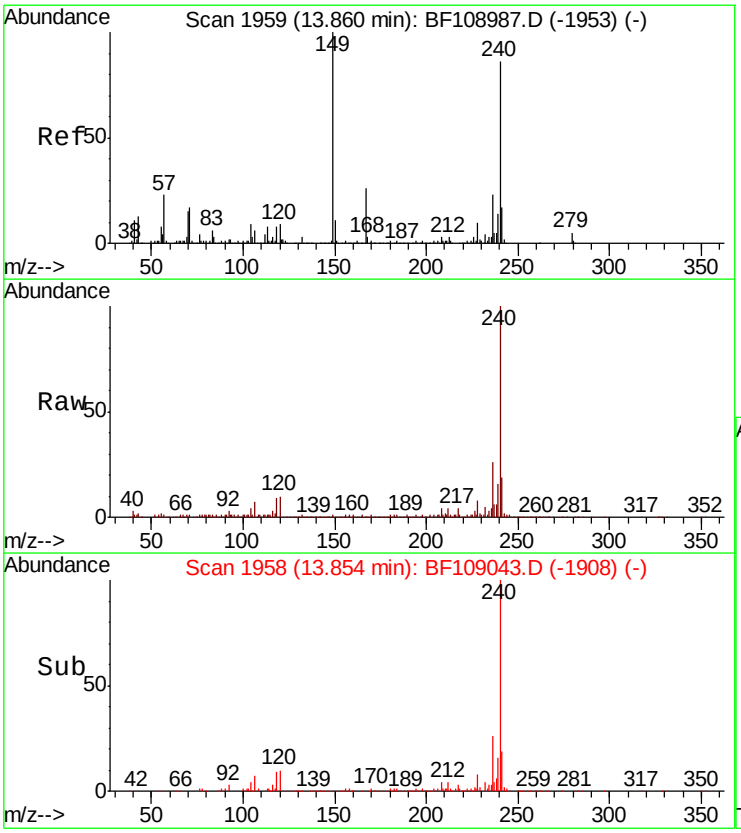
#74
Fluoranthene
Concen: 20.055 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Tgt Ion:202 Resp: 302938

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	34.1
203	17.5	0.0	38.1

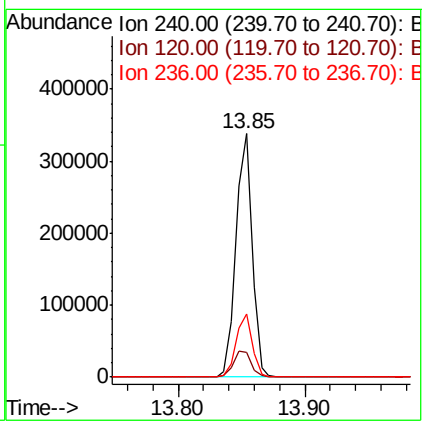


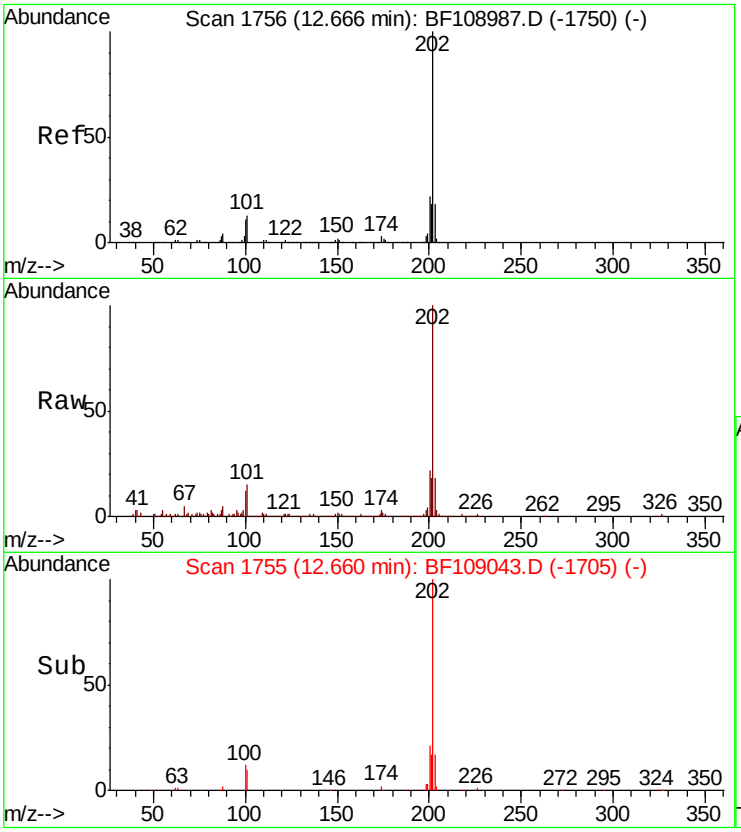


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Tgt Ion:240 Resp: 293760

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.8	20.7	31.1



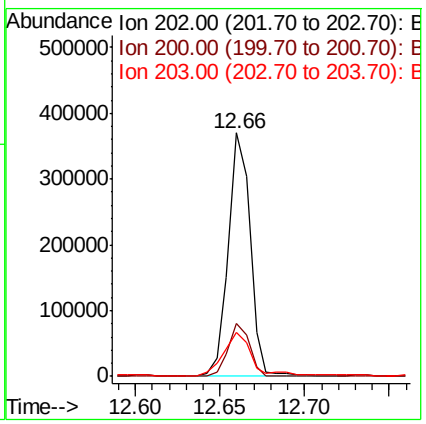


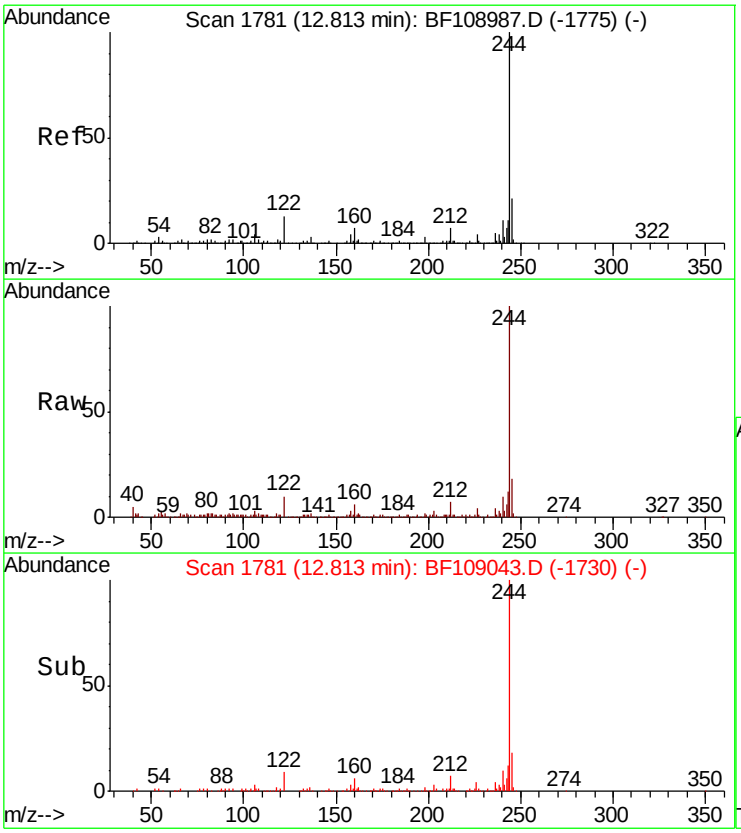
#77
Pyrene
Concen: 15.187 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Tgt Ion:202 Resp: 331377

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.0	14.3	21.5

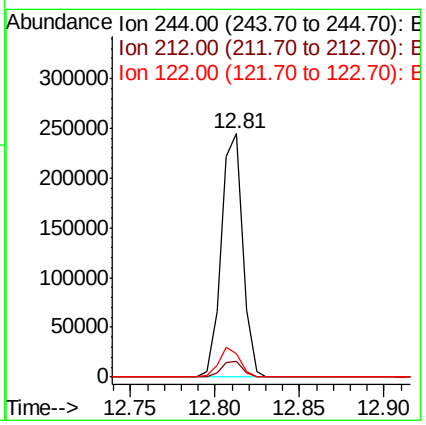


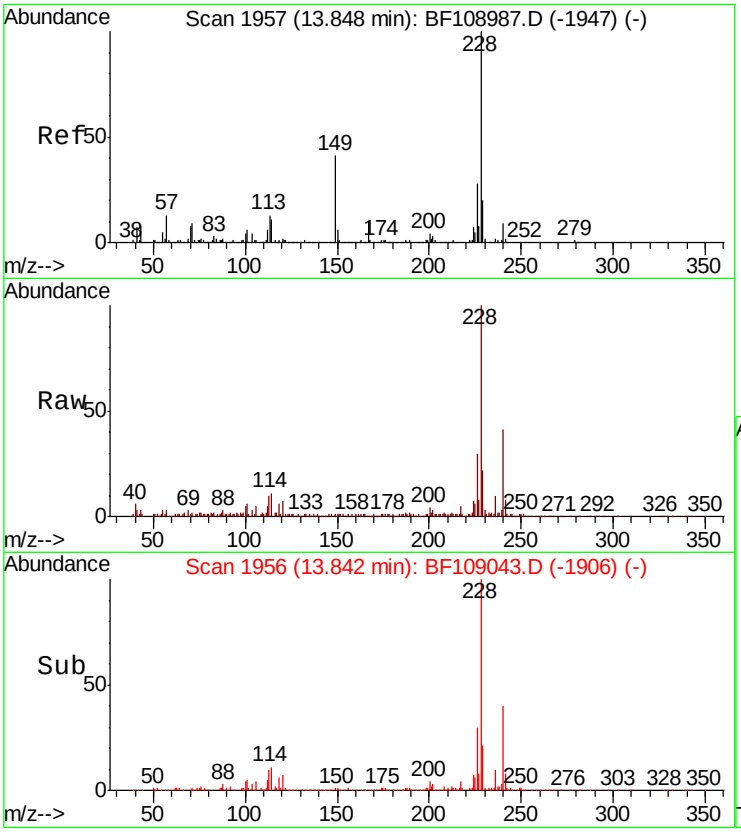


#78
Terphenyl-d14
Concen: 17.452 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Tgt Ion:244 Resp: 216288

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.8	11.0	16.4#



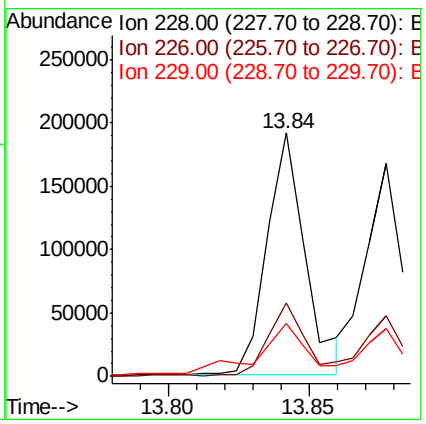


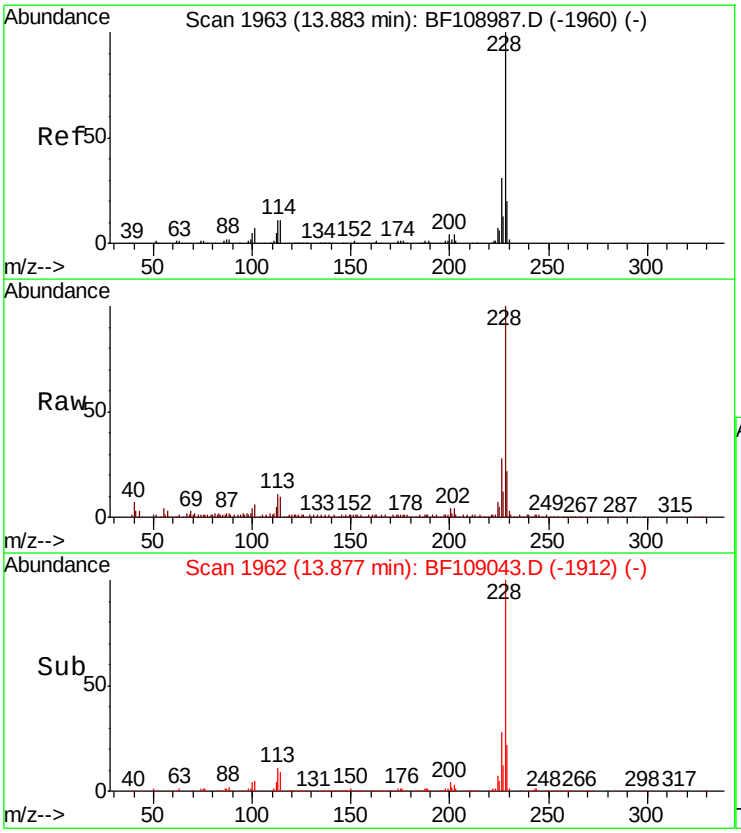
#80
Benzo(a)anthracene
Concen: 10.112 ng
RT: 13.84 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Tgt Ion:228 Resp: 179839

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	21.6	15.8	23.6

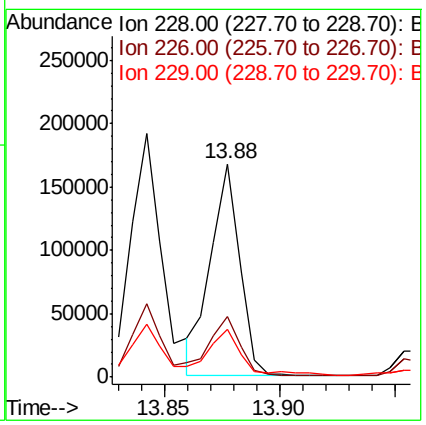


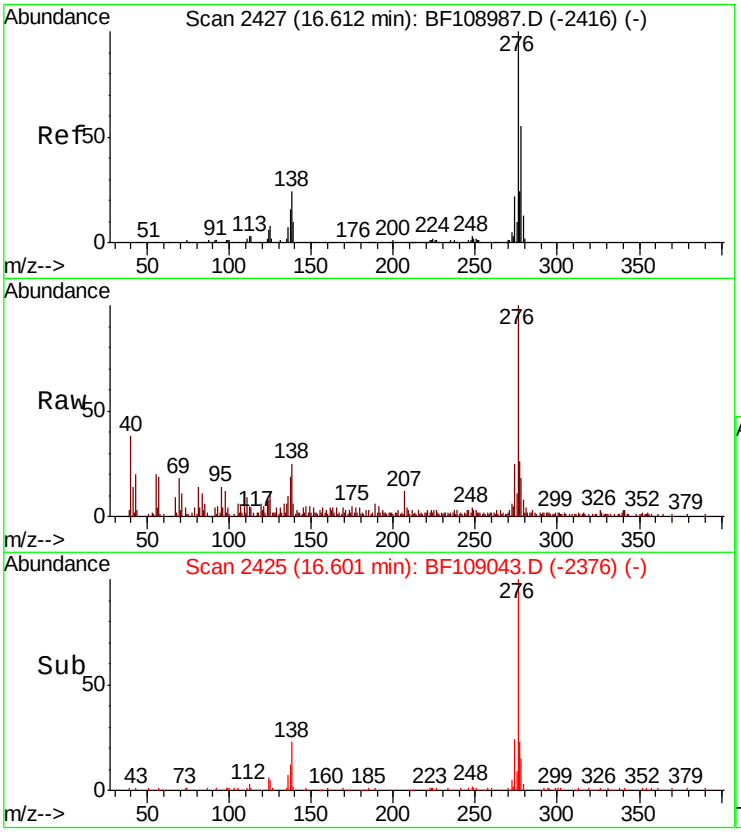


#82
Chrysene
Concen: 8.289 ng
RT: 13.88 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Tgt Ion:228 Resp: 147496

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.6
229	22.4	16.2	24.4



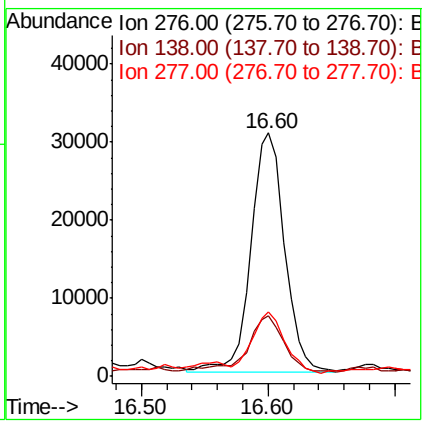


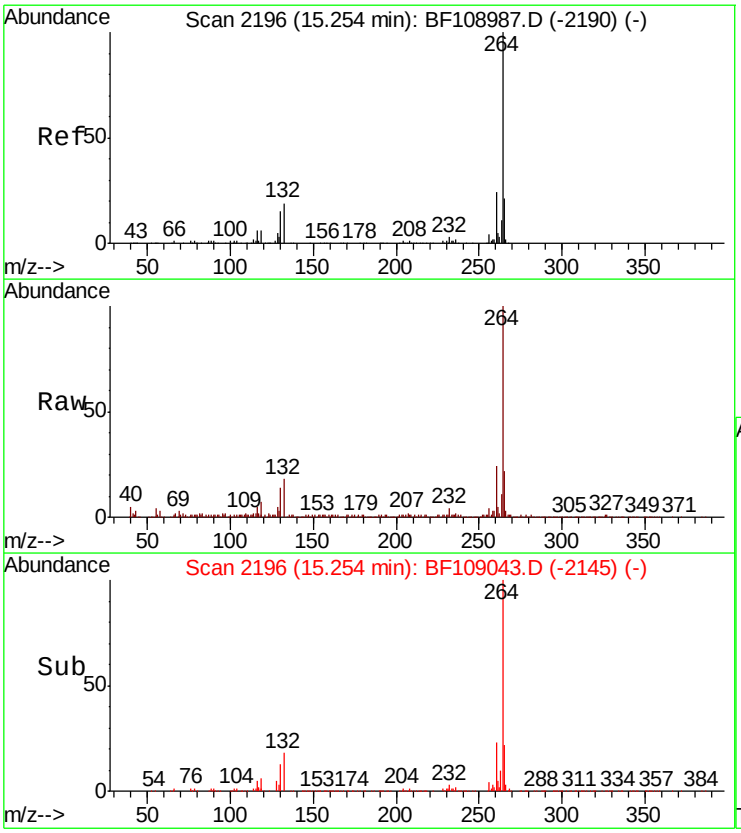
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.014 ng
RT: 16.60 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Tgt Ion:276 Resp: 57107

Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.0	37.6
277	24.7	20.1	30.1

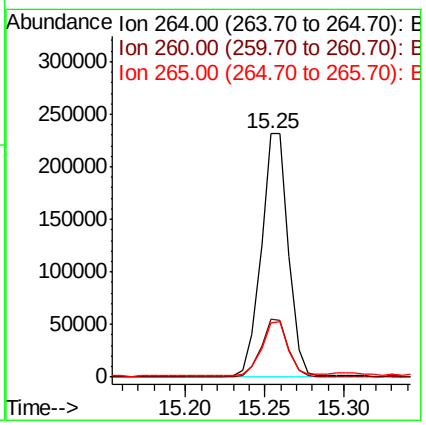


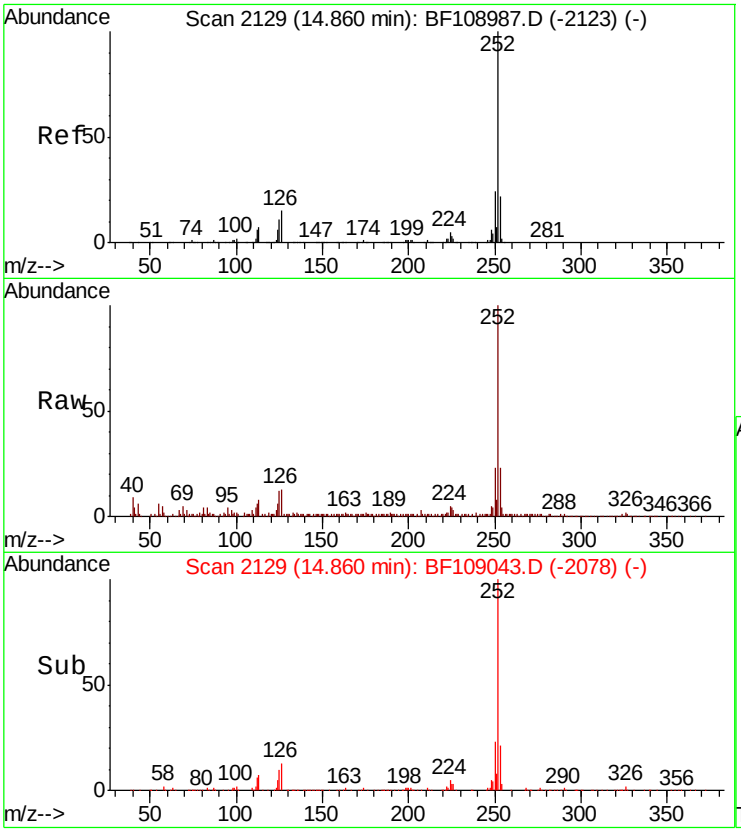


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Tgt Ion:264 Resp: 276680

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	17.5	26.3



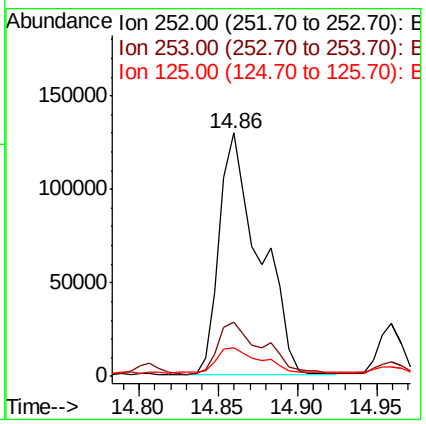


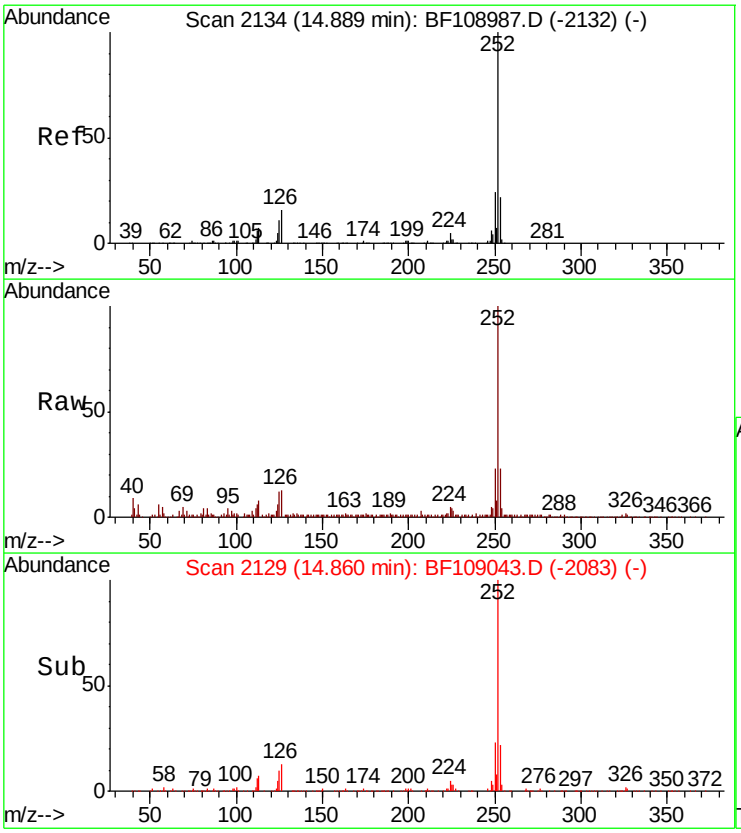
#87
Benzo(b)fluoranthene
Concen: 15.002 ng
RT: 14.86 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Tgt Ion:252 Resp: 229634

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	11.7	9.0	13.6

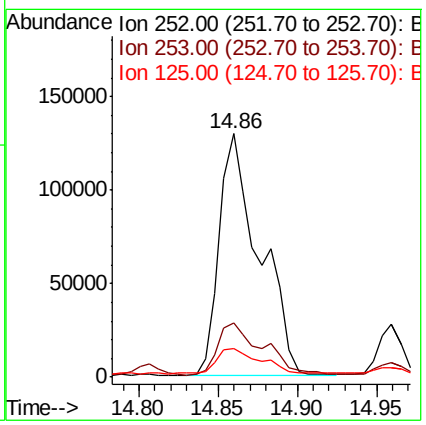


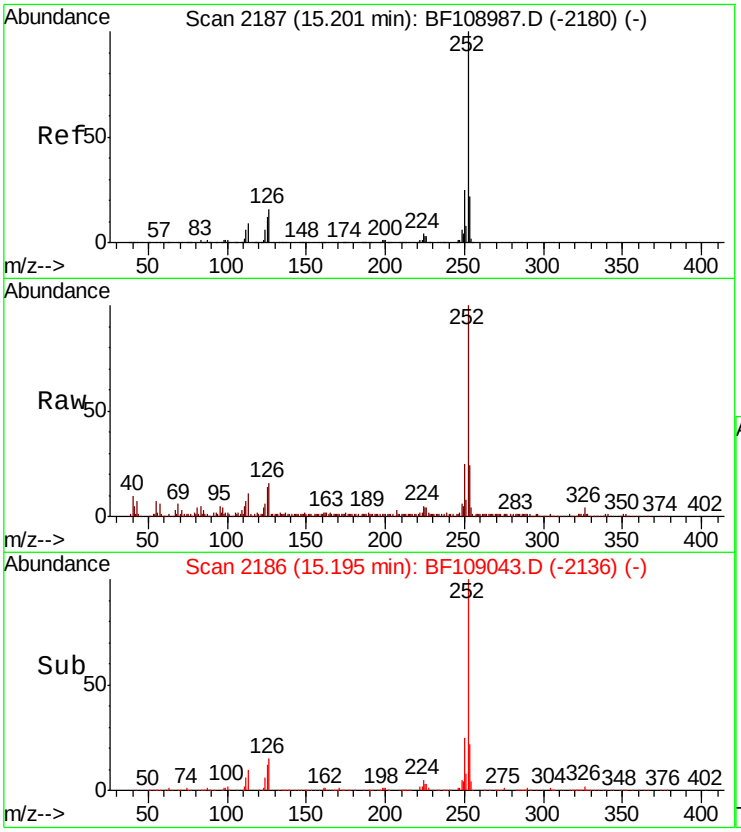


#88
Benzo(k)fluoranthene
Concen: 16.062 ng
RT: 14.86 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Tgt Ion:252 Resp: 229634

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.7	10.2	15.2



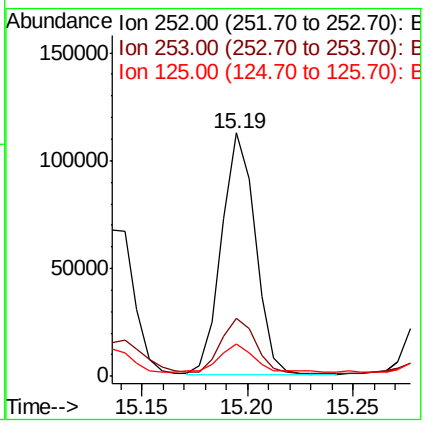


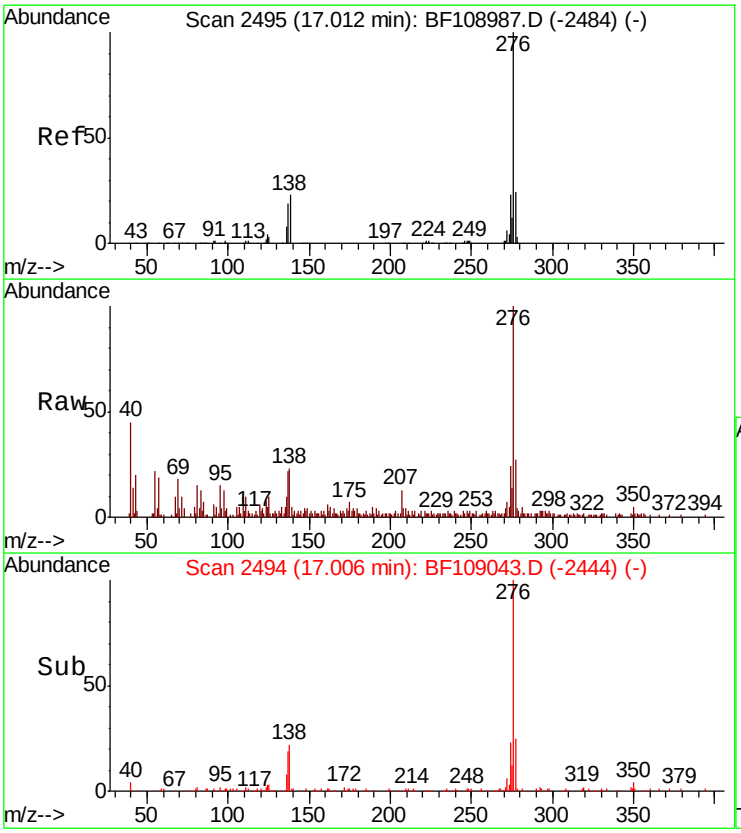
#89
Benzo(a)pyrene
Concen: 9.077 ng
RT: 15.19 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Instrument :
BNA_F
ClientSampleId :
OR-03-091418-A

Tgt Ion:252 Resp: 123392

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	13.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.560 ng
RT: 17.01 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BF109043.D
Acq: 17 Sep 2018 12:58

Tgt Ion:276 Resp: 52061

Ion	Ratio	Lower	Upper
276	100		
277	27.5	17.9	26.9#
138	23.4	21.8	32.8