Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109096.D
Acq On : 18 Sep 2018 15:33
Operator : JU/SJ
Sample : J4775-05RE 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 18 16:16:03 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	114379	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	426157	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	191631	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	324654	20.00	ng		0.00
75) Chrysene-d12	13.85	240	315519	20.00	ng		0.00
86) Perylene-d12	15.26	264	353480	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	192191	27.91	ng		0.00
7) Phenol-d6	6.34	99	244356	27.52	ng		-0.02
23) Nitrobenzene-d5	7.27	82	148230	19.51	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	47001	22.60	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	266507	21.79	ng		-0.01
78) Terphenyl-d14	12.81	244	218116	16.39	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.27	82	144041	11.029	ng	#	65
50) 2,6-Dinitrotoluene	9.75	165	28291	9.314	ng	#	26
57) Fluorene	10.30	166	25453	2.293	ng		98
70) Phenanthrene	11.25	178	233019	14.642	ng		98
71) Anthracene	11.30	178	69810	4.327	ng		96
74) Fluoranthene	12.44	202	316296	18.826	ng		98
77) Pyrene	12.66	202	339180	14.472	ng		99
80) Benzo(a)anthracene	13.84	228	186700	9.774	ng		97
82) Chrysene	13.88	228	159348	8.338	ng		97
87) Benzo(b)fluoranthene	14.86	252	267978	13.704	ng		97
88) Benzo(k)fluoranthene	14.86	252	267978	14.672	ng		98
89) Benzo(a)pyrene	15.19	252	160546	9.245	ng		96
91) Benzo(g,h,i)perylene	17.01	276	74162	5.084	ng	#	92

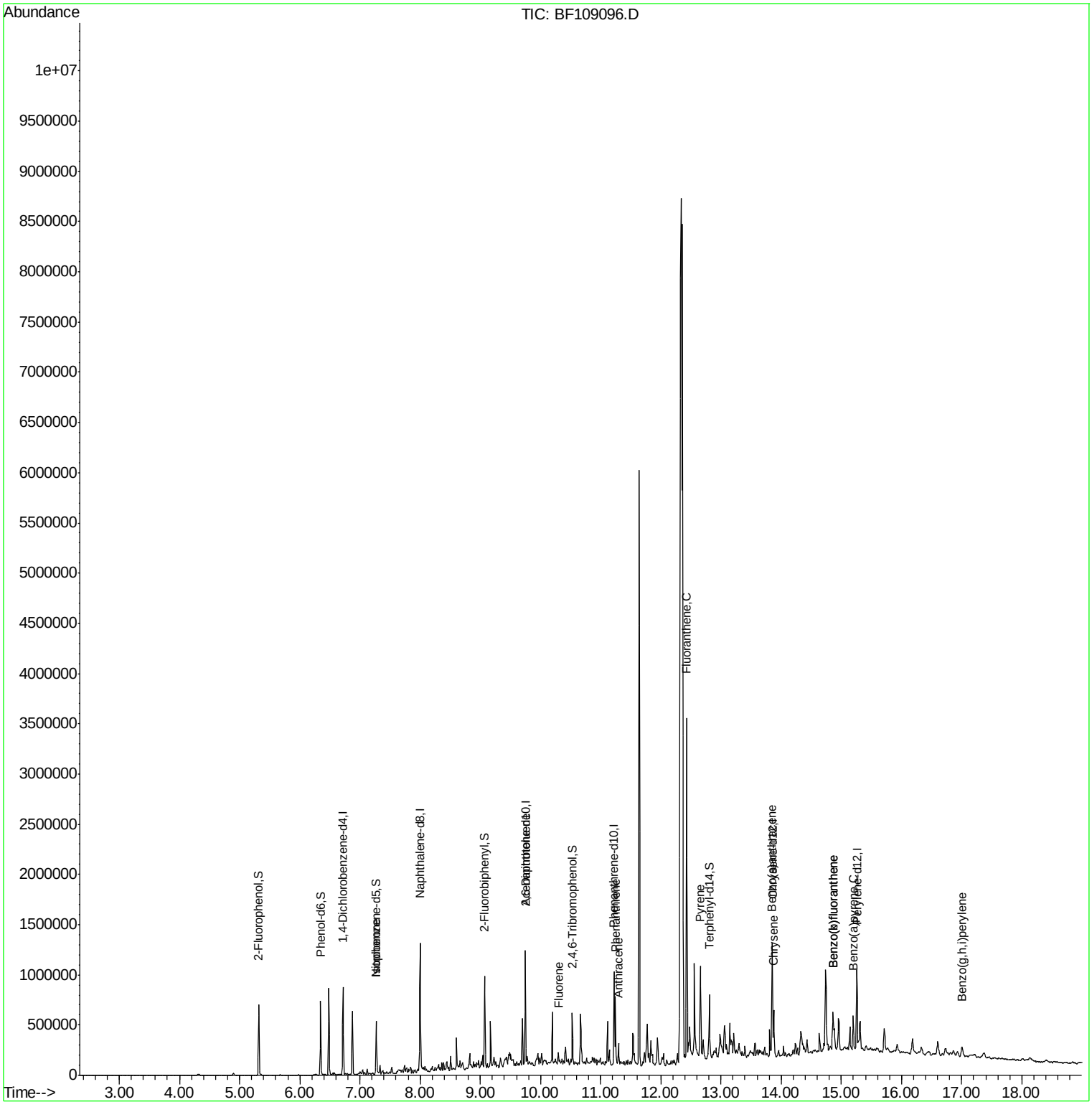
(#) = qualifier out of range (m) = manual integration (+) = signals summed

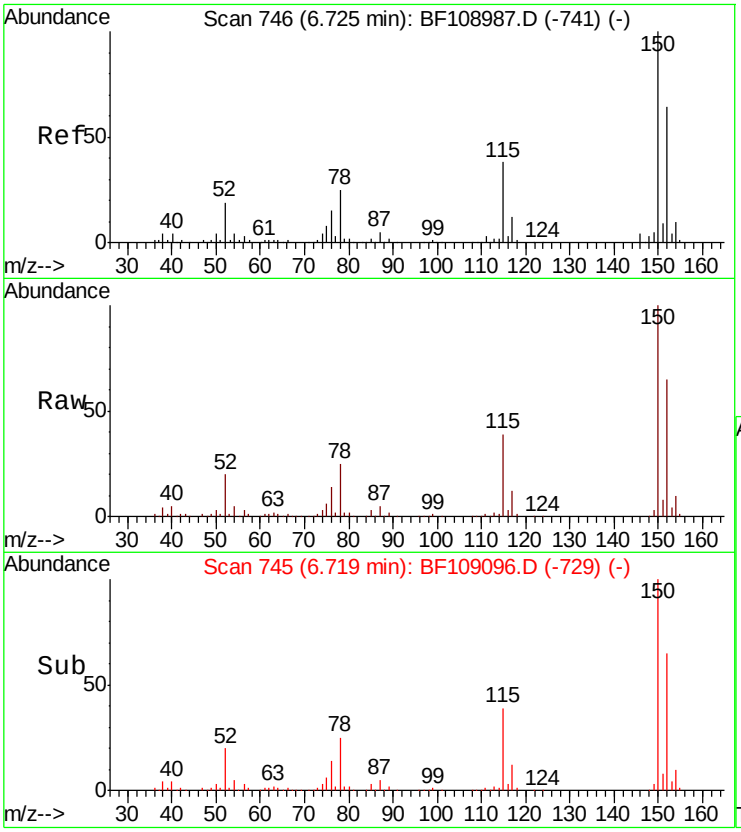
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109096.D
Acq On : 18 Sep 2018 15:33
Operator : JU/SJ
Sample : J4775-05RE 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 18 16:16:03 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



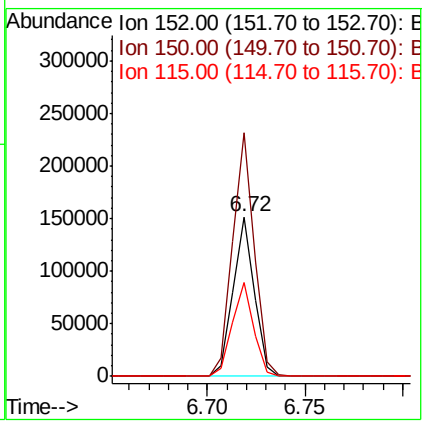


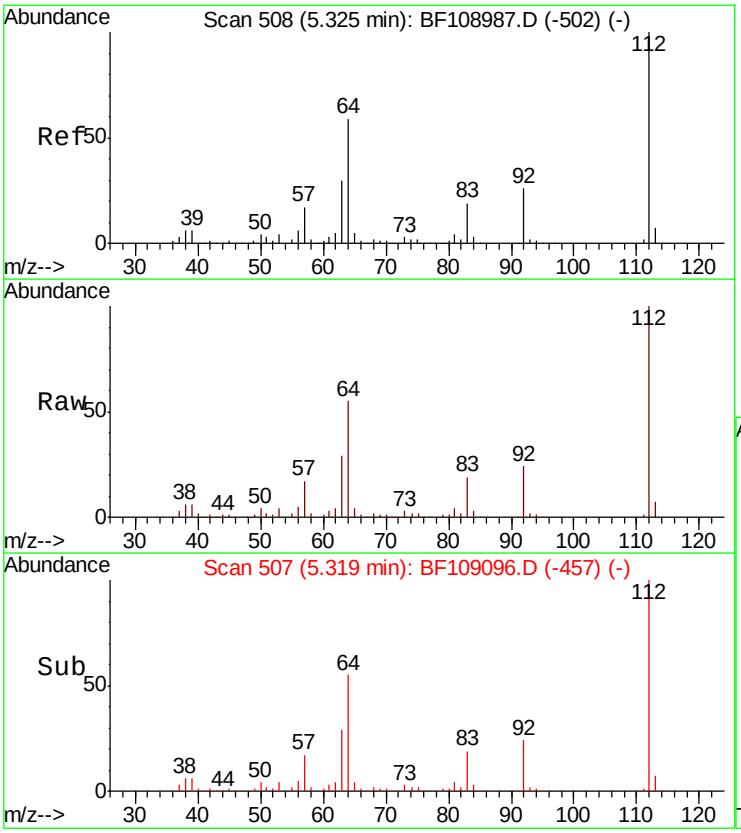
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114379

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	59.3	50.1	75.1

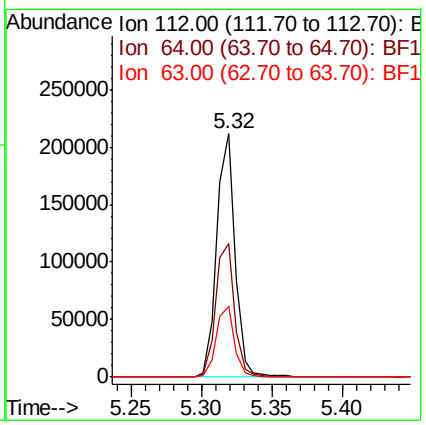


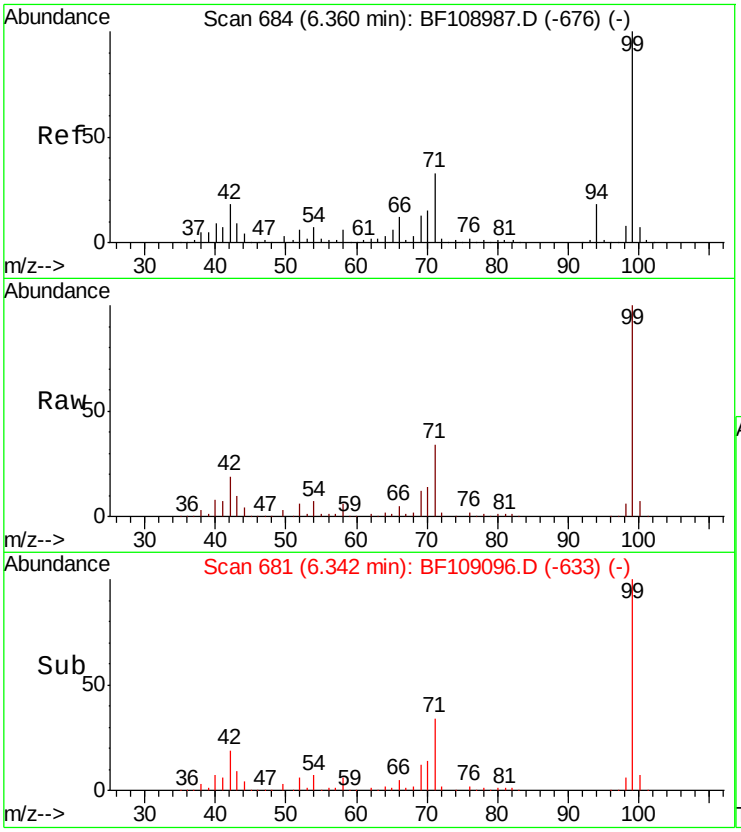


#5
2-Fluorophenol
Concen: 27.908 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion:112 Resp: 192191

Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	29.0	23.7	35.5



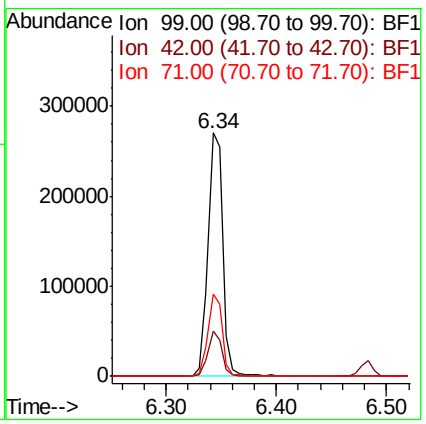


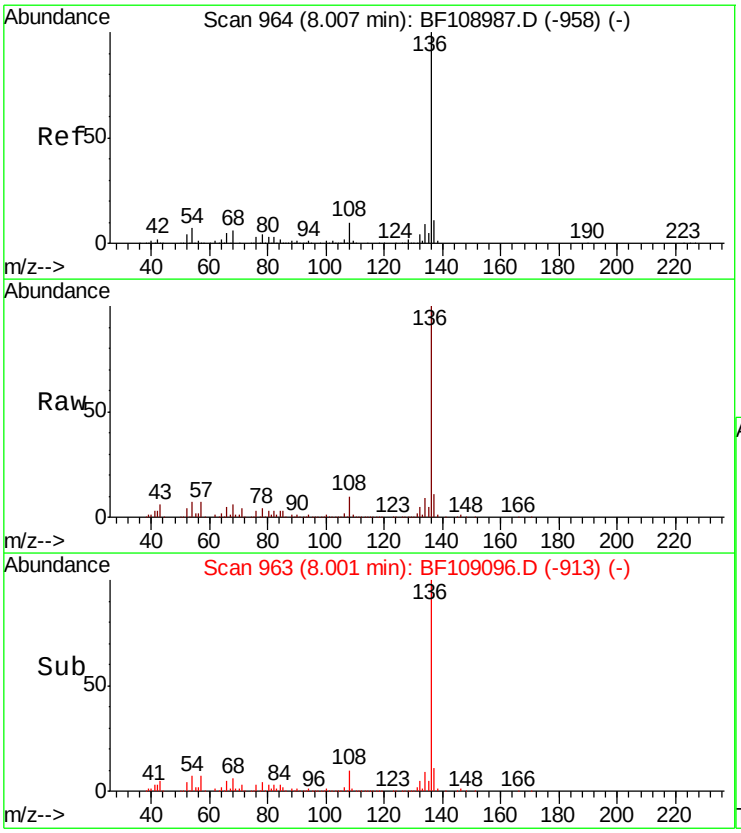
#7
Phenol-d6
Concen: 27.518 ng
RT: 6.34 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 244356

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	33.9	25.4	38.0

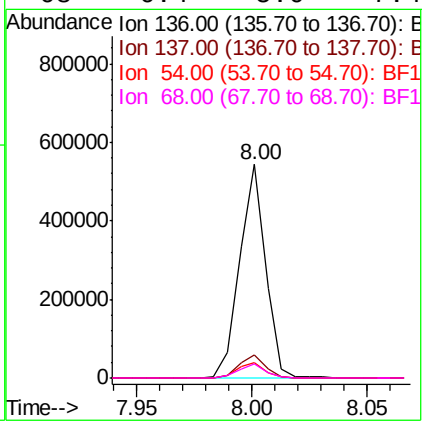


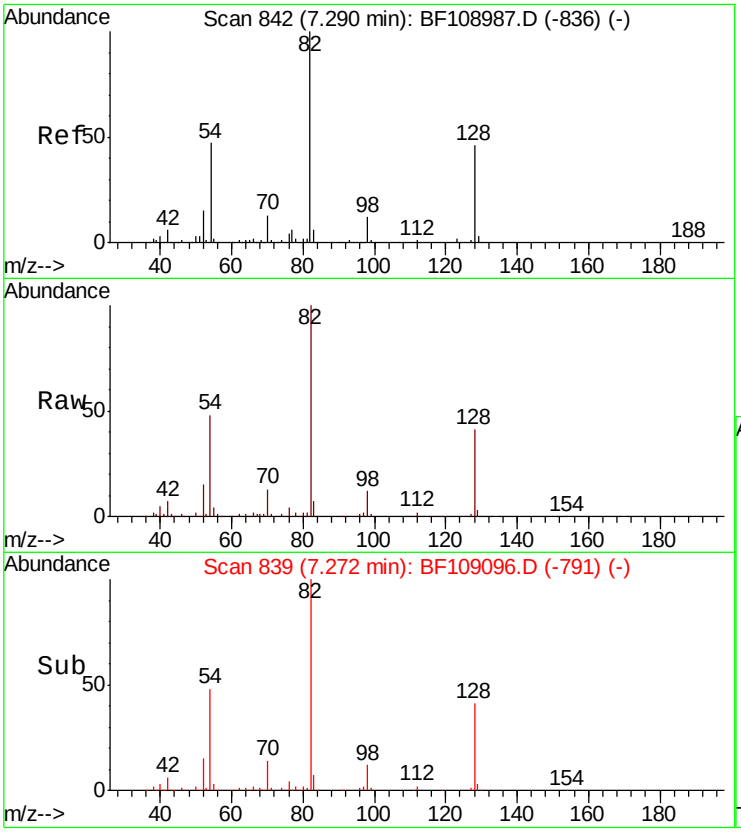


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion:136 Resp: 426157

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.6	9.8
68	6.4	5.0	7.4



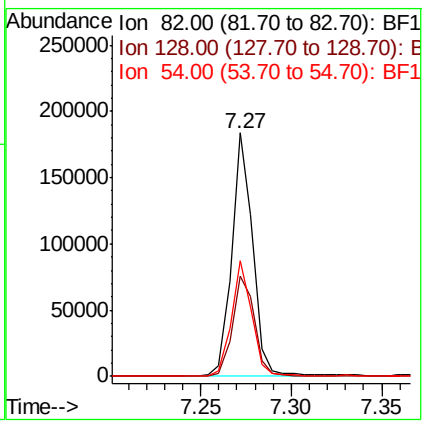


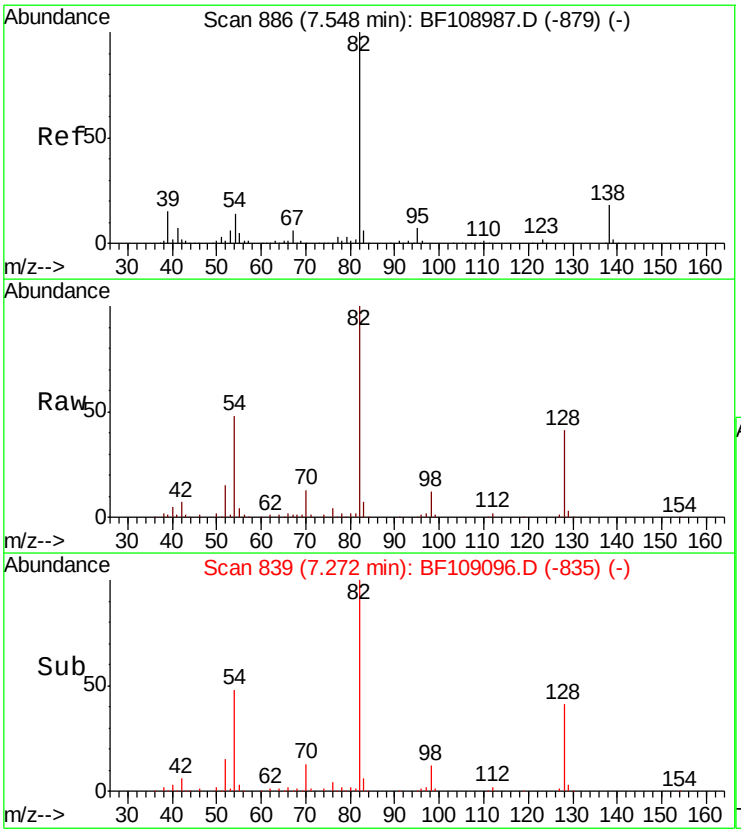
#23
Nitrobenzene-d5
Concen: 19.509 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.02 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 148230

Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	47.5	41.4	62.2

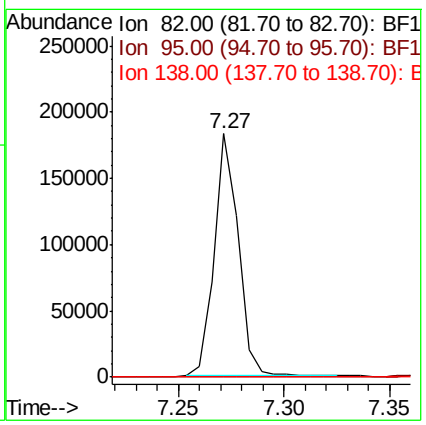


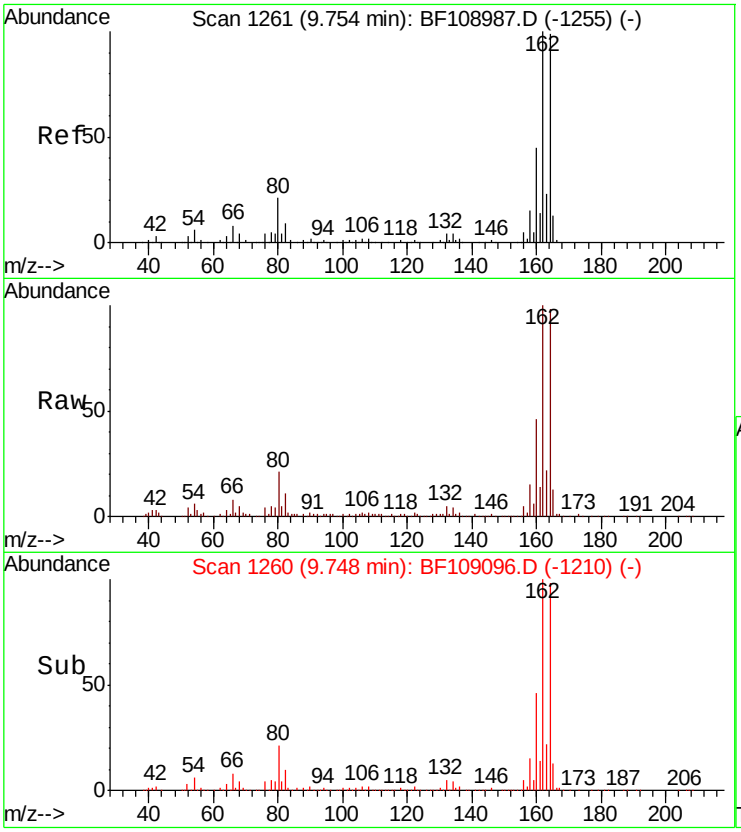


#25
Isophorone
Concen: 11.029 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.28 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion: 82 Resp: 144041

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#



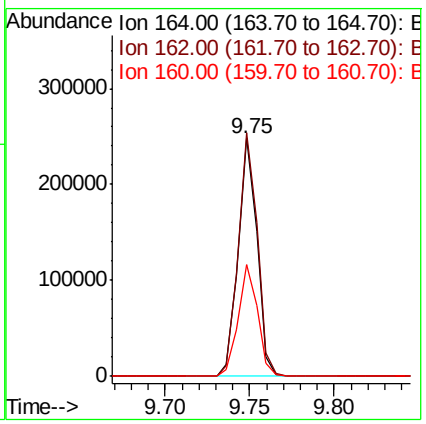


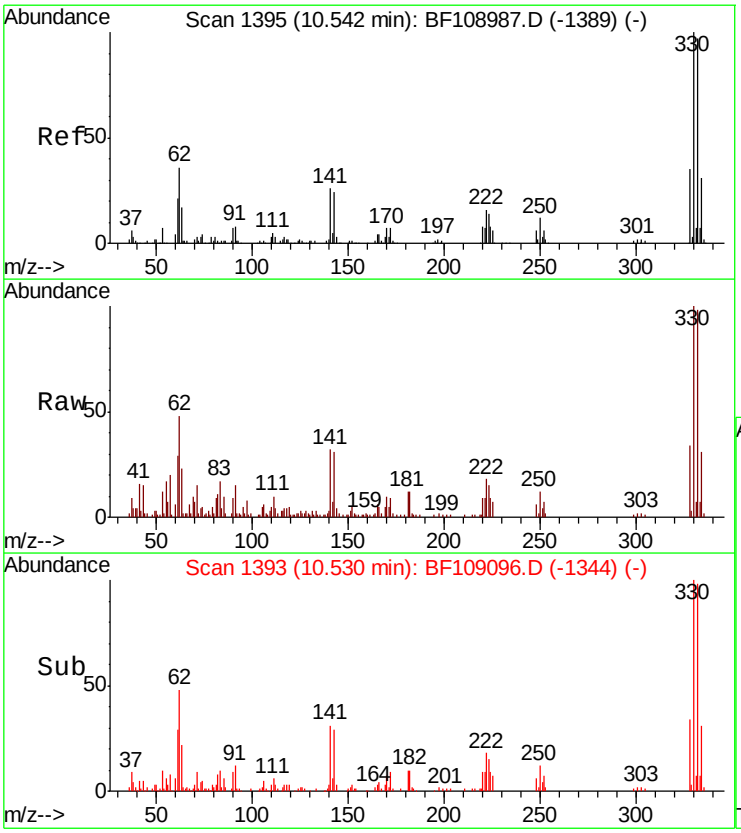
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 191631

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.7	38.3	57.5

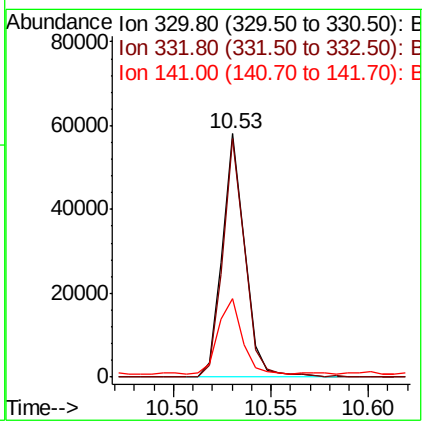


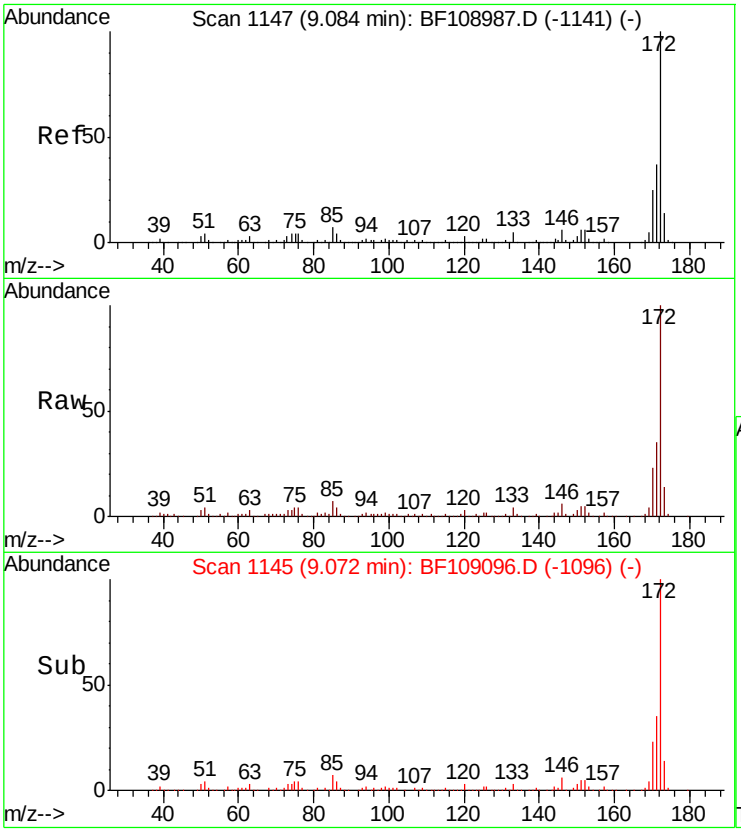


#41
2,4,6-Tribromophenol
Concen: 22.600 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion:330 Resp: 47001

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.9	29.9	44.9

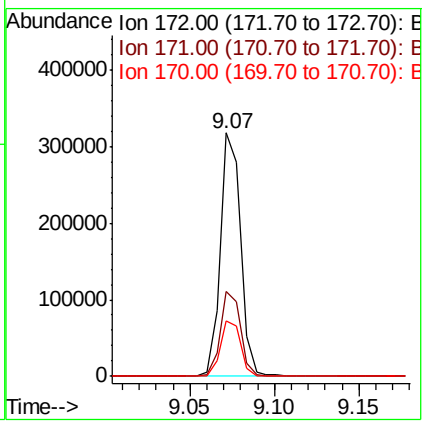




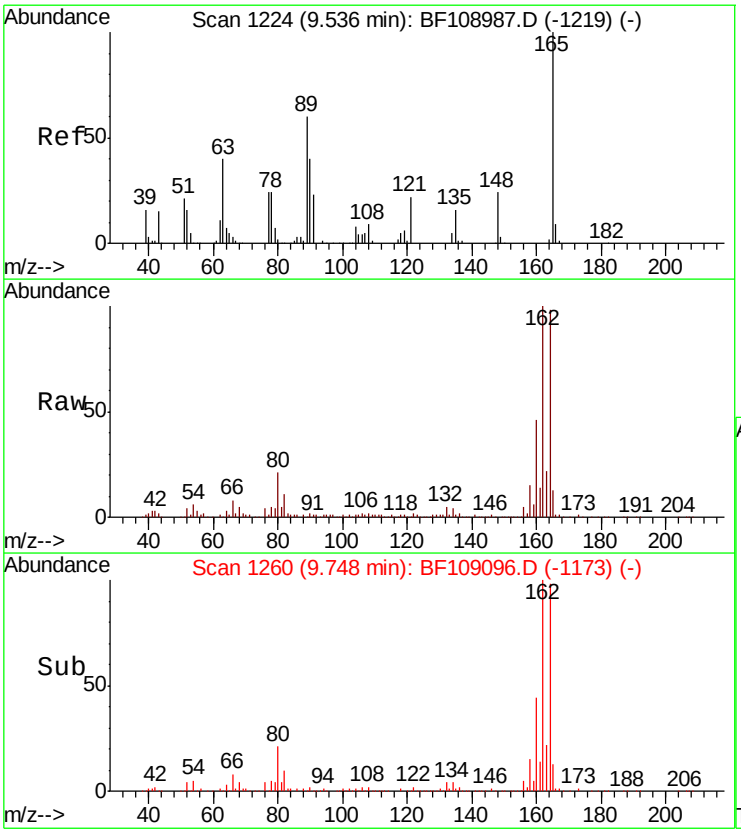
#44
2-Fluorobiphenyl
Concen: 21.789 ng
RT: 9.07 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion:172 Resp: 266507

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	22.8	19.6	29.4



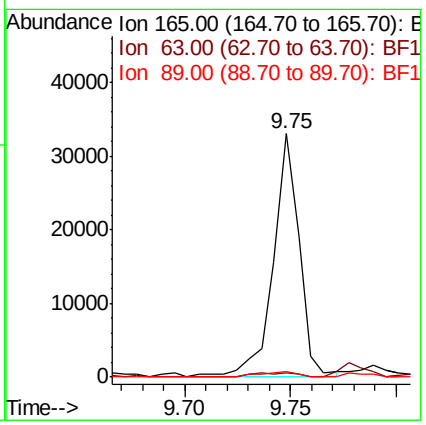
Instrument :
BNA_F
ClientSampleId :

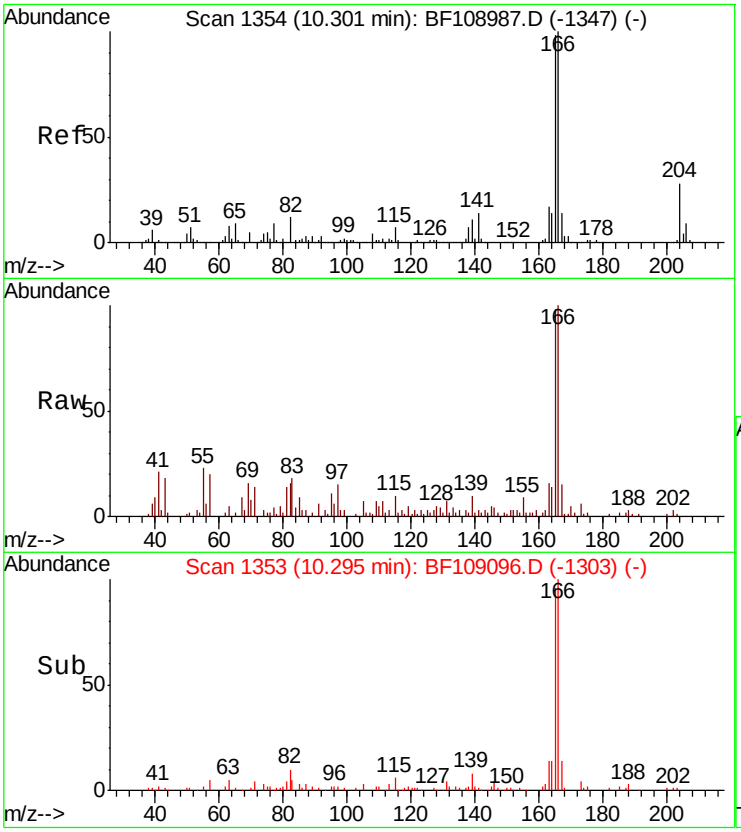


#50
2,6-Dinitrotoluene
Concen: 9.314 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion:165 Resp: 28291

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.2	44.0	66.0#



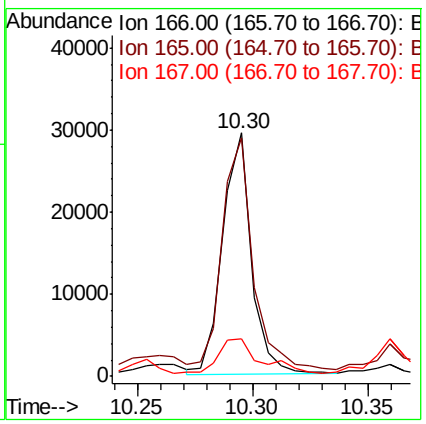


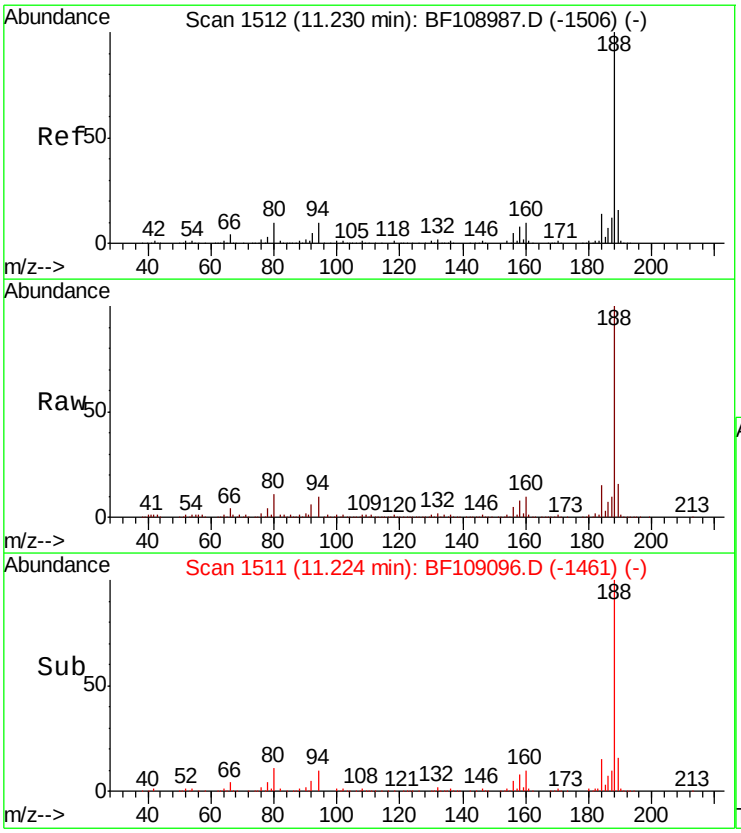
#57
Fluorene
Concen: 2.293 ng
RT: 10.30 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 25453

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	15.4	10.6	16.0

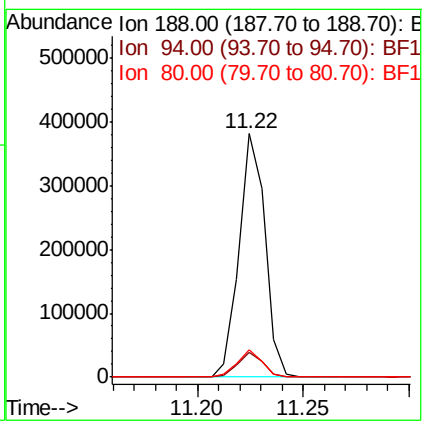


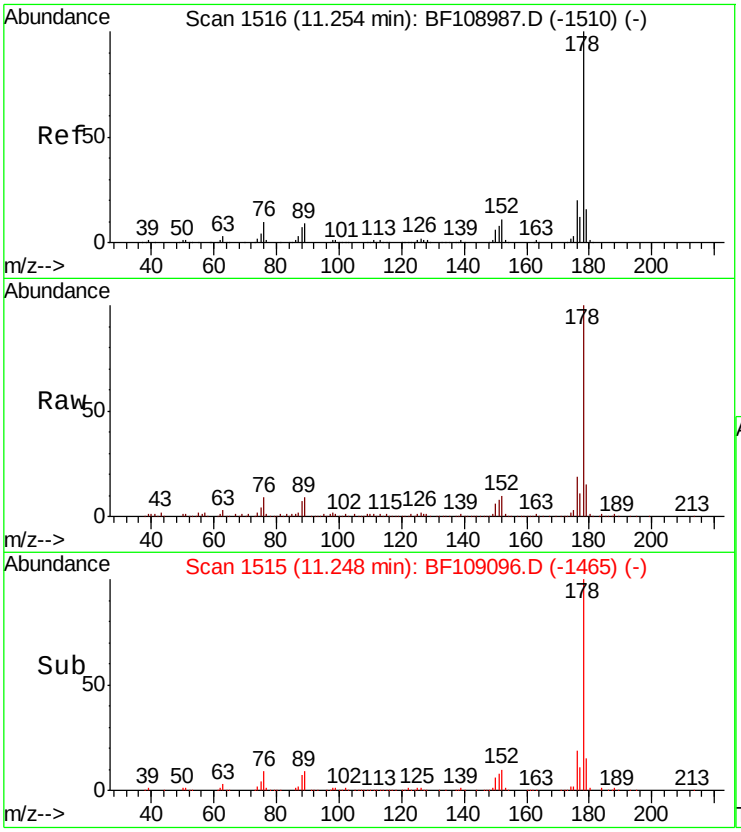


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion:188 Resp: 324654

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8



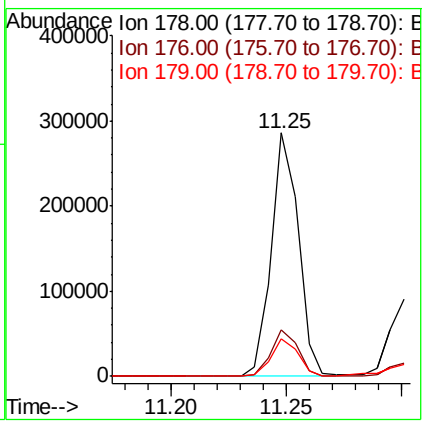


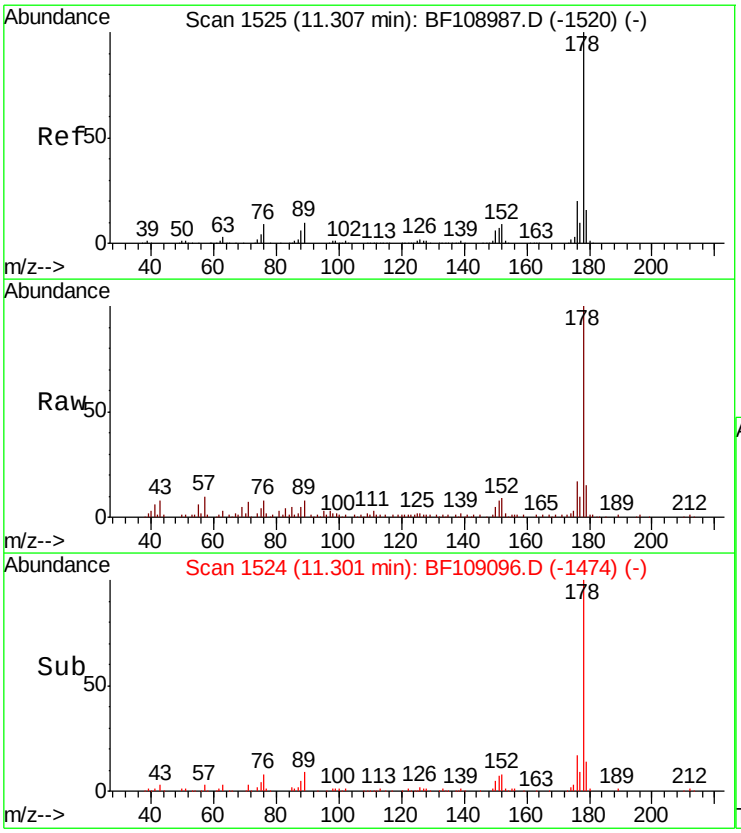
#70
Phenanthrene
Concen: 14.642 ng
RT: 11.25 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 233019

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.3	13.0	19.6

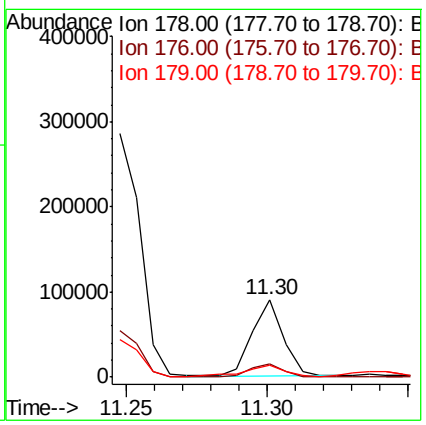


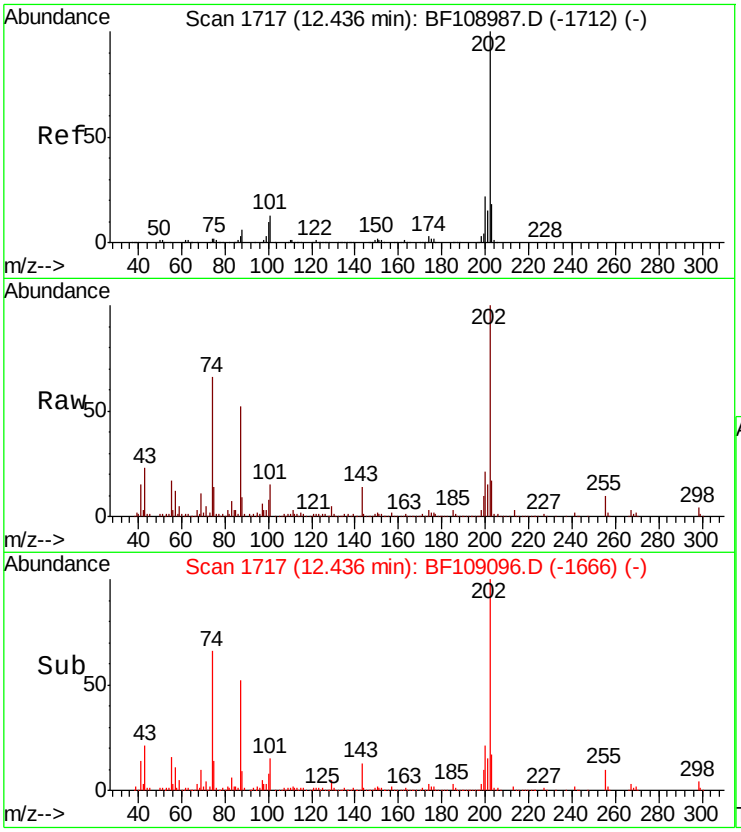


#71
Anthracene
Concen: 4.327 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion:178 Resp: 69810

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.4	23.2
179	14.6	12.6	19.0



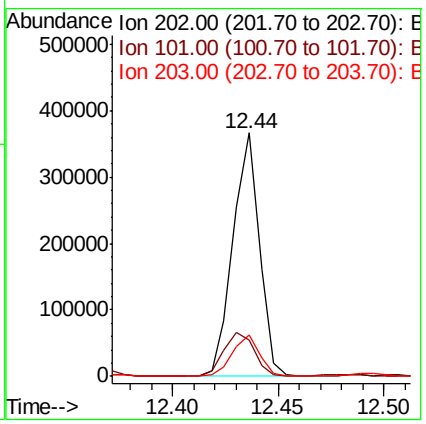


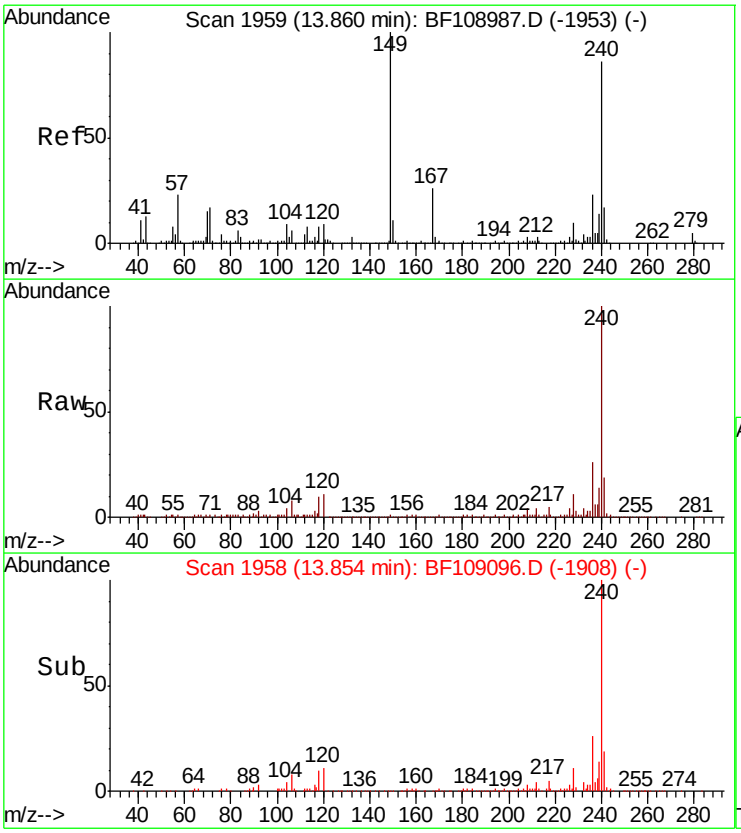
#74
Fluoranthene
Concen: 18.826 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 316296

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.1
203	16.9	0.0	38.1

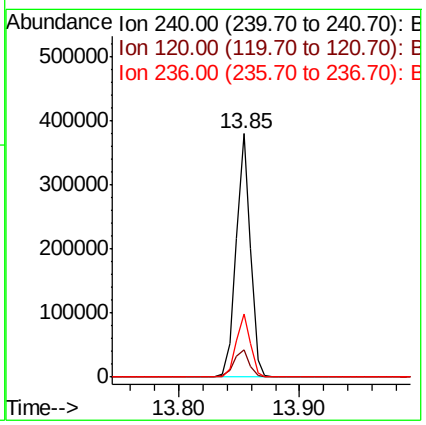


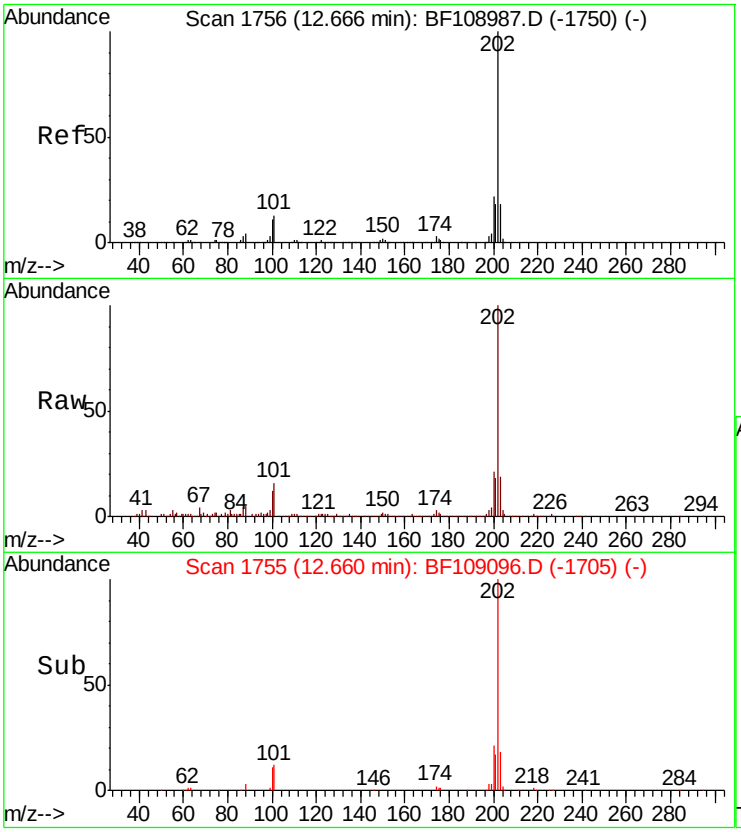


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion:240 Resp: 315519

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.8	20.7	31.1



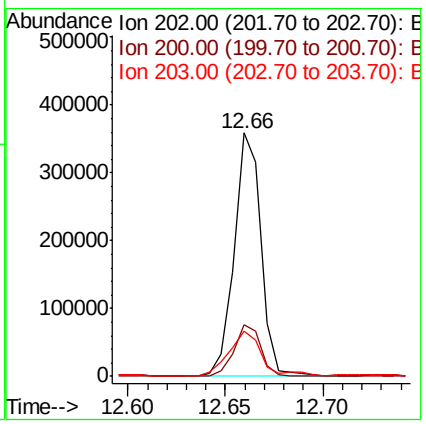


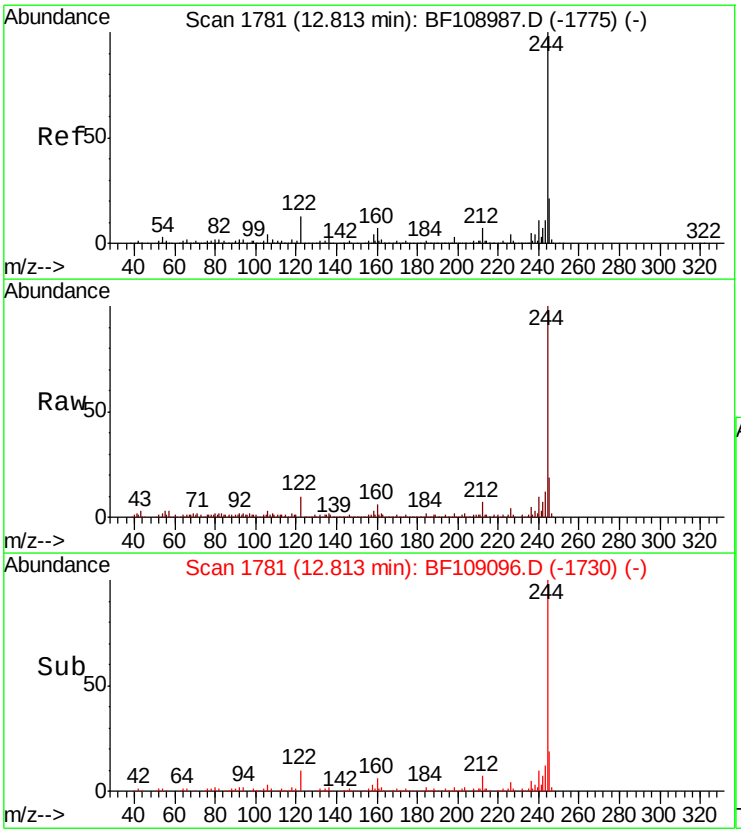
#77
Pyrene
Concen: 14.472 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 339180

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.8	14.3	21.5

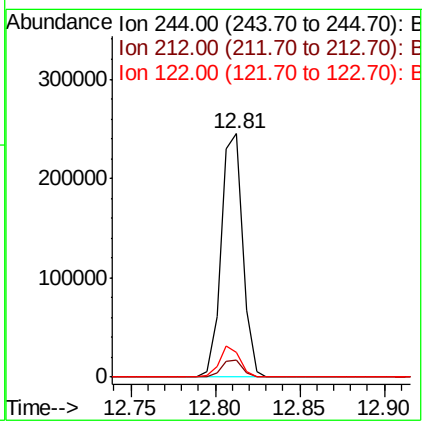


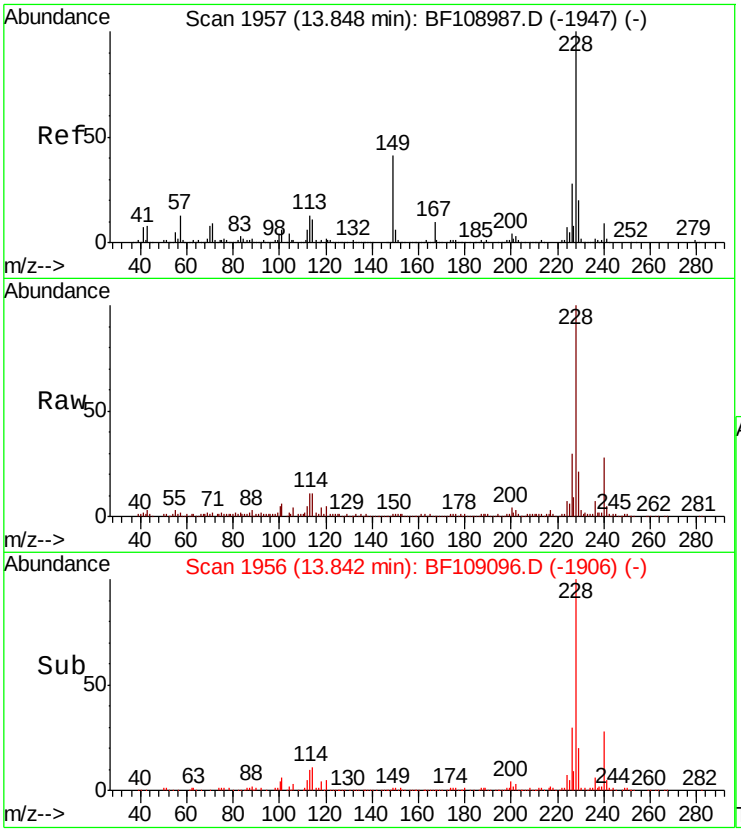


#78
Terphenyl-d14
Concen: 16.385 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion:244 Resp: 218116

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.3	11.0	16.4#



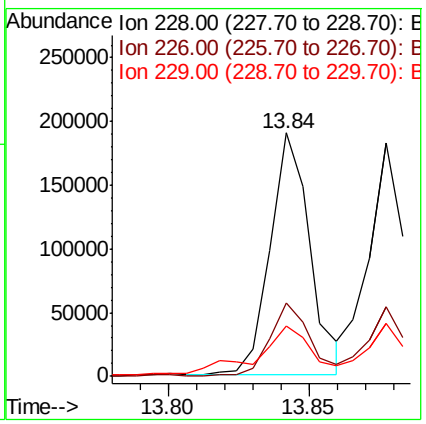


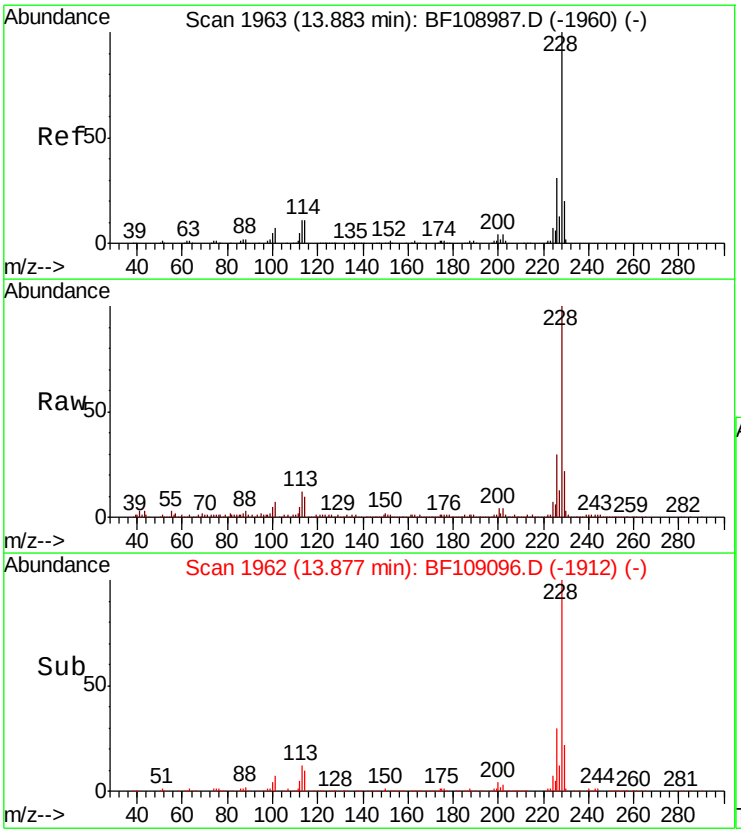
#80
Benzo(a)anthracene
Concen: 9.774 ng
RT: 13.84 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 186700

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	20.8	15.8	23.6

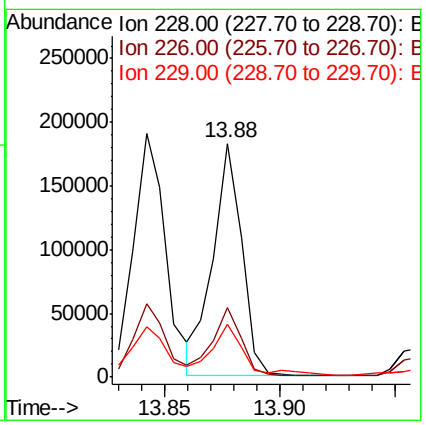


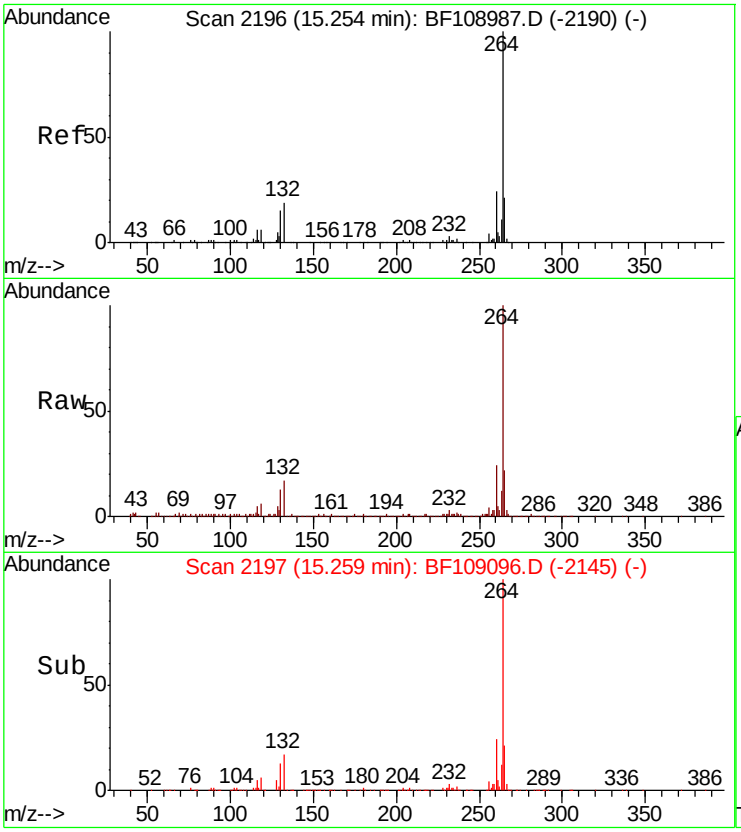


#82
Chrysene
Concen: 8.338 ng
RT: 13.88 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion:228 Resp: 159348

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	22.4	16.2	24.4



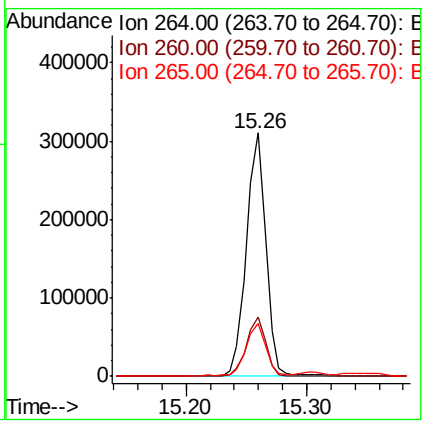


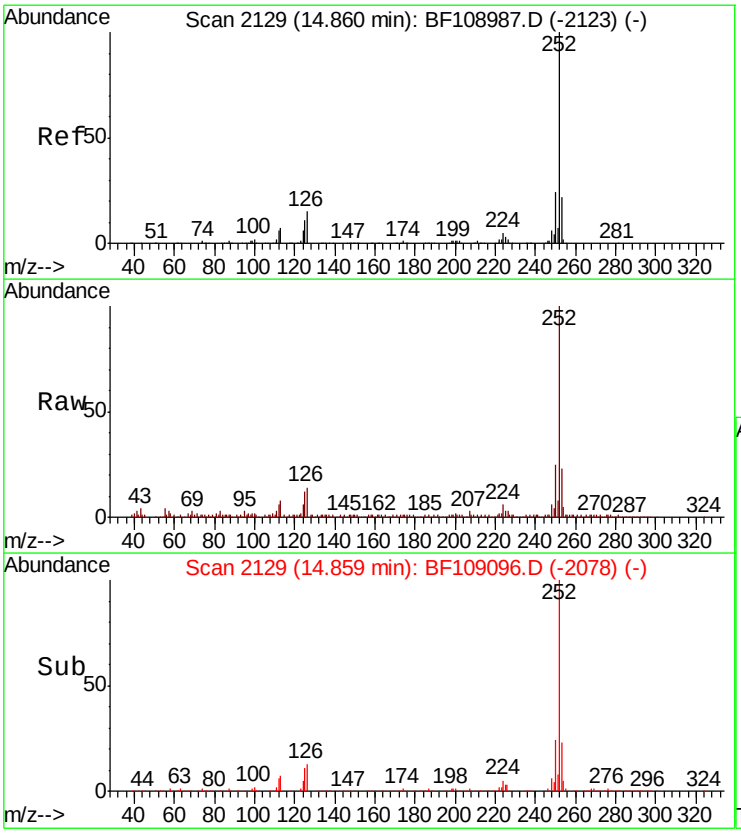
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 353480

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3

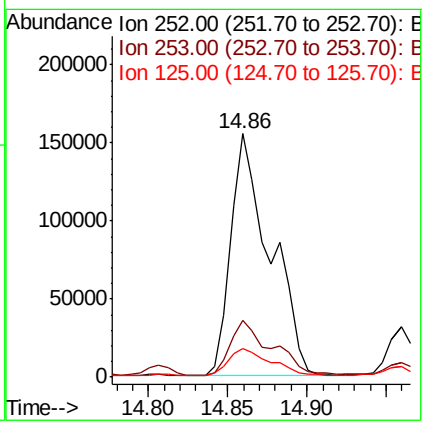


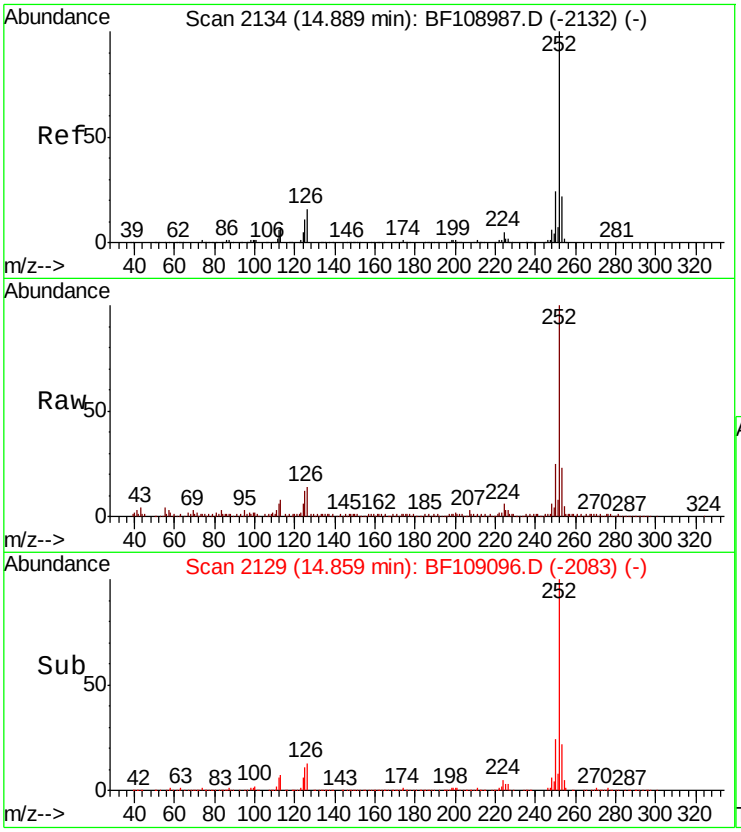


#87
Benzo(b)fluoranthene
Concen: 13.704 ng
RT: 14.86 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion:252 Resp: 267978

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	12.0	9.0	13.6



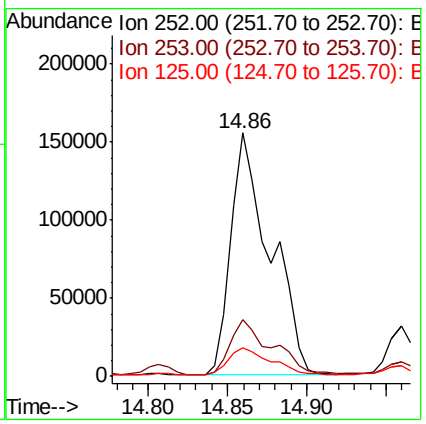


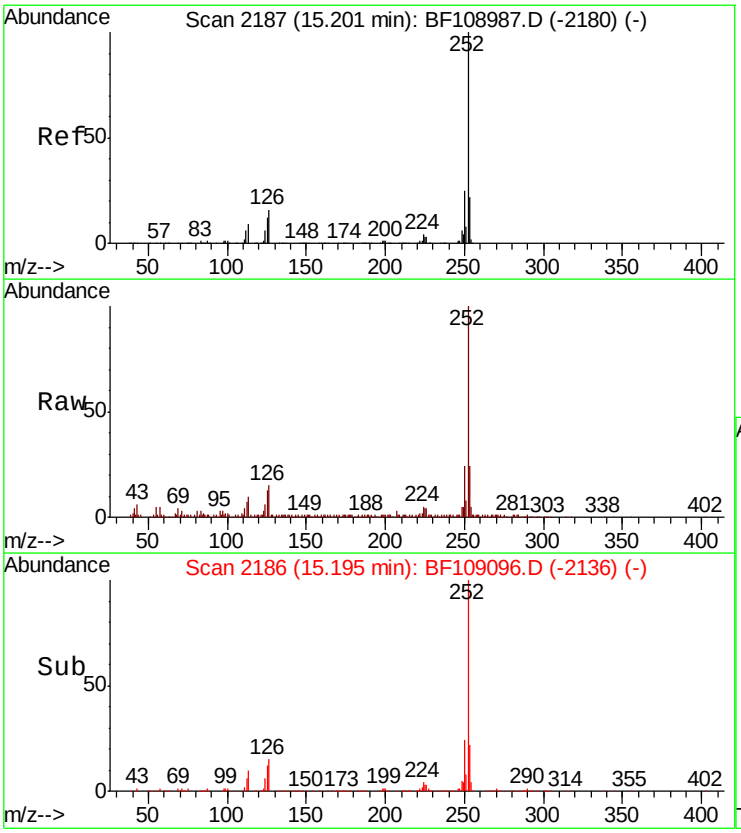
#88
Benzo(k)fluoranthene
Concen: 14.672 ng
RT: 14.86 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 267978

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	12.0	10.2	15.2

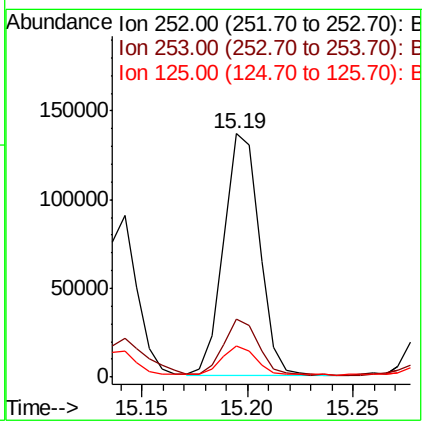


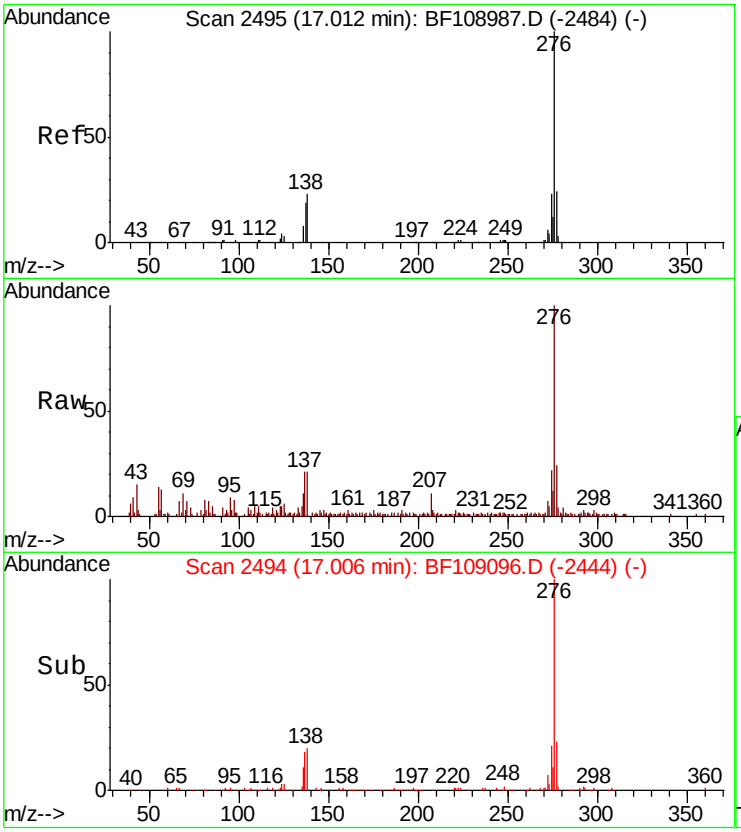


#89
Benzo(a)pyrene
Concen: 9.245 ng
RT: 15.19 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Tgt Ion:252 Resp: 160546

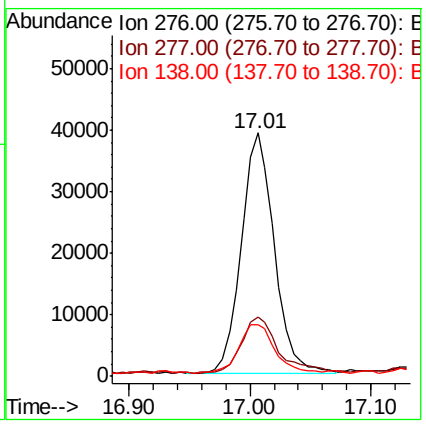
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	12.7	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.084 ng
RT: 17.01 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BF109096.D
Acq: 18 Sep 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 74162

Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	21.4	21.8	32.8#