Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109585.D
Acq On : 4 Oct 2018 14:37
Operator : JU/SJ
Sample : J5204-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-100318-A

Quant Time: Oct 04 15:24:38 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	6.70	152	117175	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	466081	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	203538	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	319606	20.00	ng		0.00
75) Chrysene-d12	13.85	240	246013	20.00	ng		0.00
86) Perylene-d12	15.25	264	252971	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	270318	38.00	ng		0.00
7) Phenol-d6	6.34	99	379351	41.79	ng		-0.02
23) Nitrobenzene-d5	7.26	82	239356	30.32	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	73699	36.73	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	439996	32.60	ng		-0.02
78) Terphenyl-d14	12.79	244	288063	28.74	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	31832	5.351	ng	#	79
25) Isophorone	7.26	82	223679	15.732	ng	#	64
31) Naphthalene	8.00	128	67162	3.084	ng		98
37) 2-Methylnaphthalene	8.70	142	28987	2.065	ng		93
48) Acenaphthylene	9.59	152	48695	2.436	ng		98
49) Dimethylphthalate	9.45	163	49407	3.337	ng	#	96
51) Acenaphthene	9.76	154	53667	4.441	ng		98
54) Dibenzofuran	9.94	168	93698	5.214	ng		98
57) Fluorene	10.27	166	143866	11.220	ng		97
64) 4,6-Dinitro-2-methylphenol	10.47	198	638	6.951	ng	#	1
70) Phenanthrene	11.24	178	835729	52.371	ng		99
71) Anthracene	11.29	178	275291	17.008	ng		99
72) Carbazole	11.45	167	72071	4.475	ng		99
74) Fluoranthene	12.43	202	1066759	62.553	ng		97
77) Pyrene	12.66	202	924144	52.415	ng		100
80) Benzo(a)anthracene	13.83	228	540303	36.462	ng		97
82) Chrysene	13.87	228	453793	30.898	ng		97
85) Indeno(1,2,3-cd)pyrene	16.60	276	178914	15.029	ng	#	87
87) Benzo(b)fluoranthene	14.86	252	746417	53.697	ng		97
88) Benzo(k)fluoranthene	14.86	252	746417	56.587	ng		97
89) Benzo(a)pyrene	15.19	252	386076	30.823	ng		96
90) Dibenzo(a,h)anthracene	16.61	278	49423	4.810	ng	#	92
91) Benzo(g,h,i)perylene	17.02	276	156183	15.465	ng	#	90

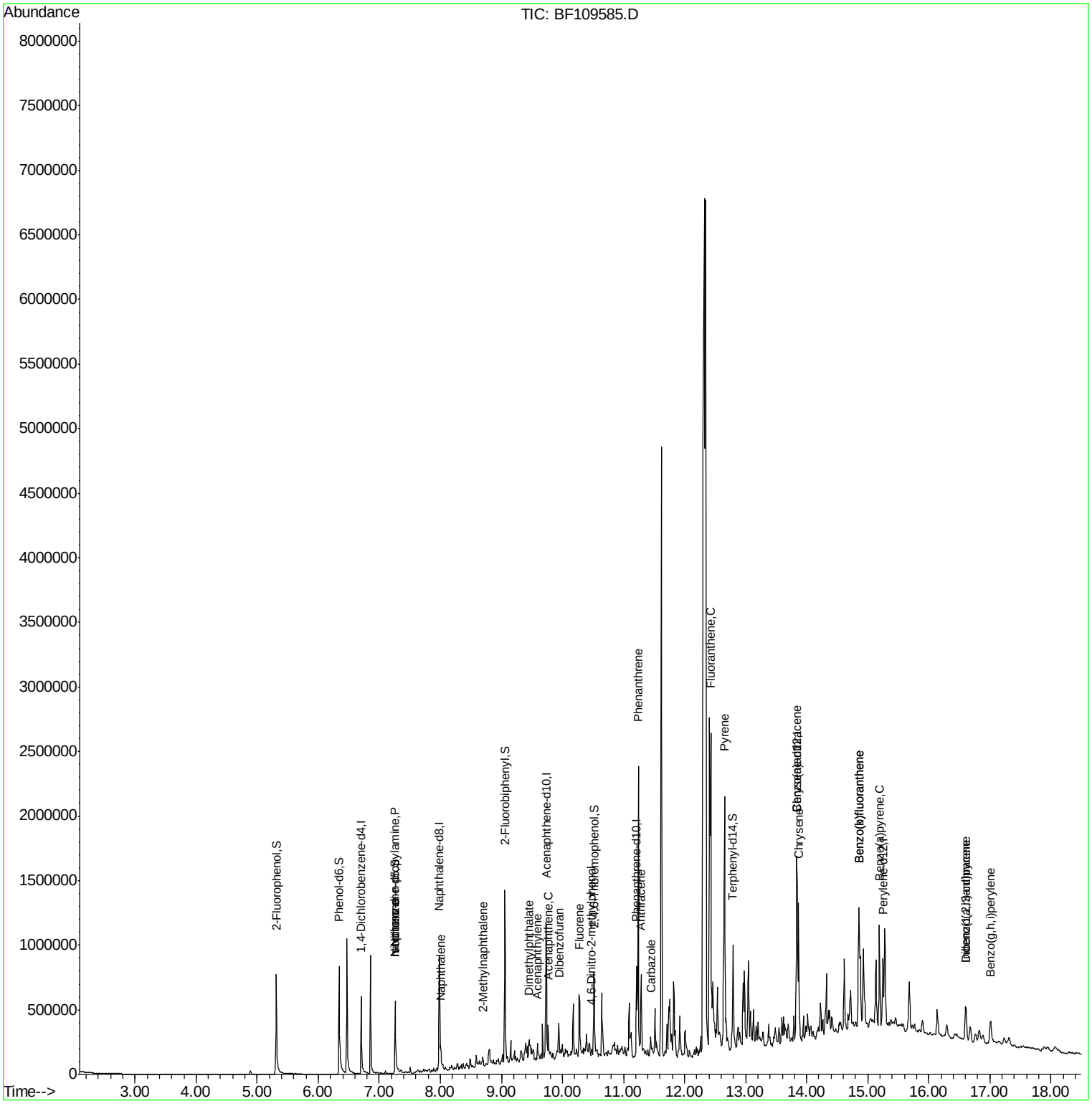
(#) = qualifier out of range (m) = manual integration (+) = signals summed

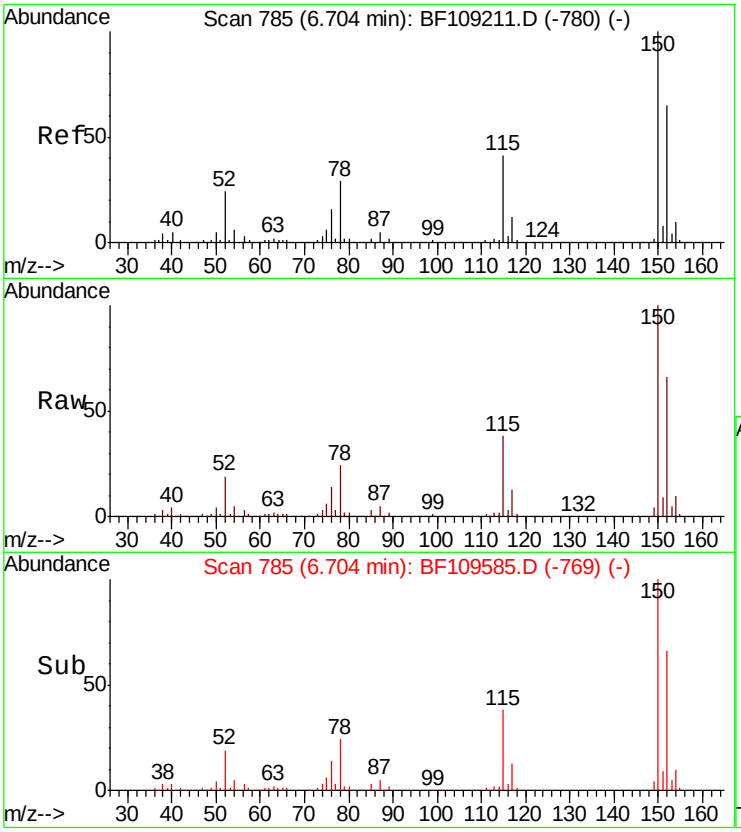
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109585.D
Acq On : 4 Oct 2018 14:37
Operator : JU/SJ
Sample : J5204-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Quant Time: Oct 04 15:24:38 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



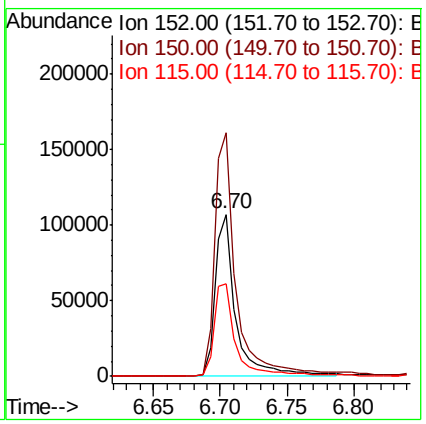


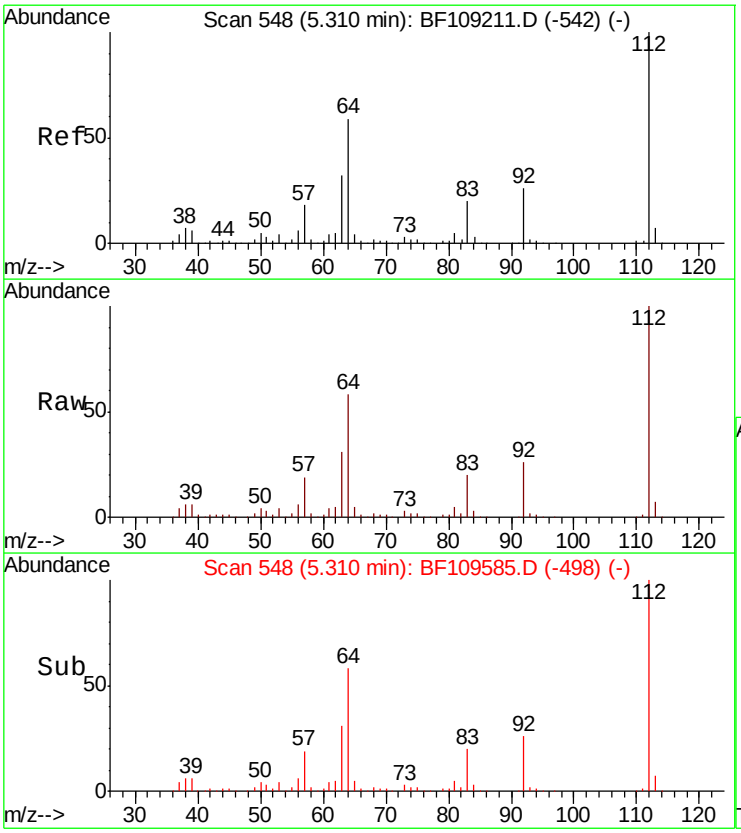
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:152 Resp: 117175

Ion	Ratio	Lower	Upper
152	100		
150	150.5	124.6	186.8
115	57.1	50.1	75.1

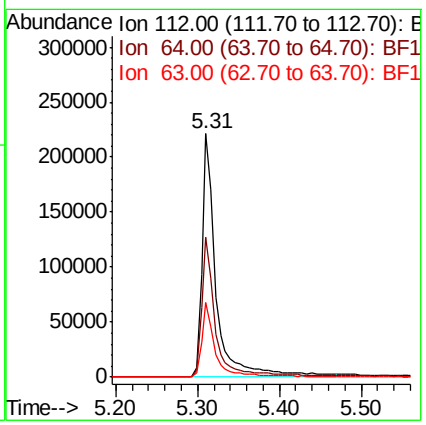


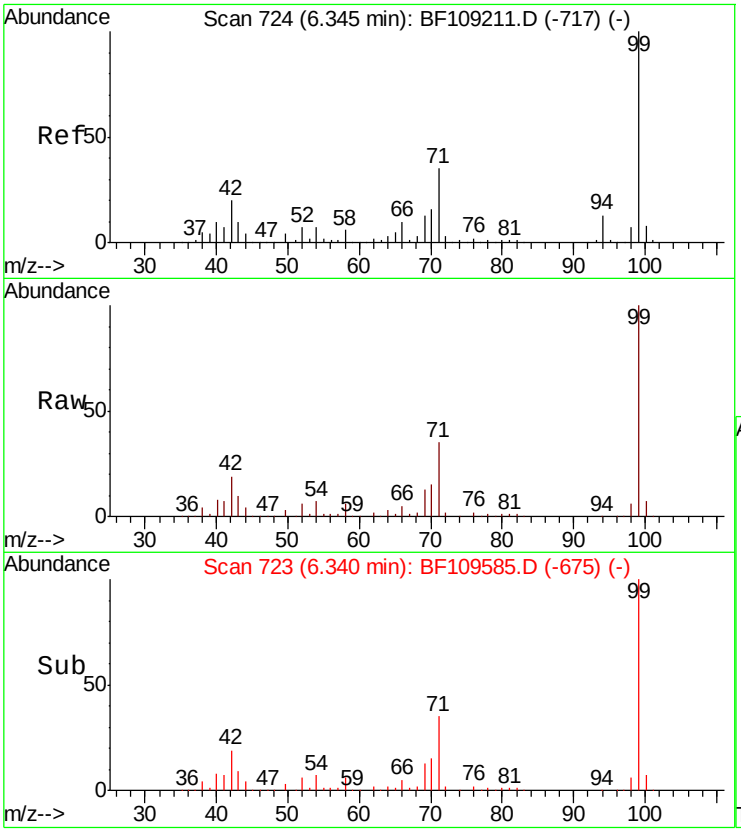


#5
2-Fluorophenol
Concen: 37.997 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:112 Resp: 270318

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	30.7	23.7	35.5



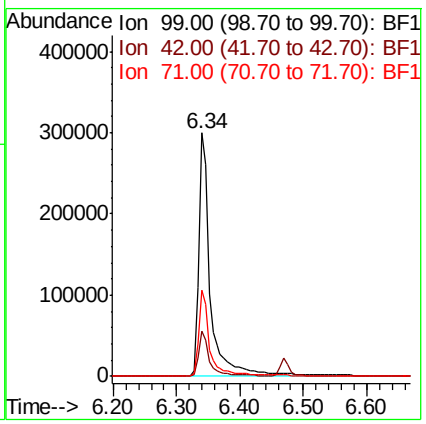


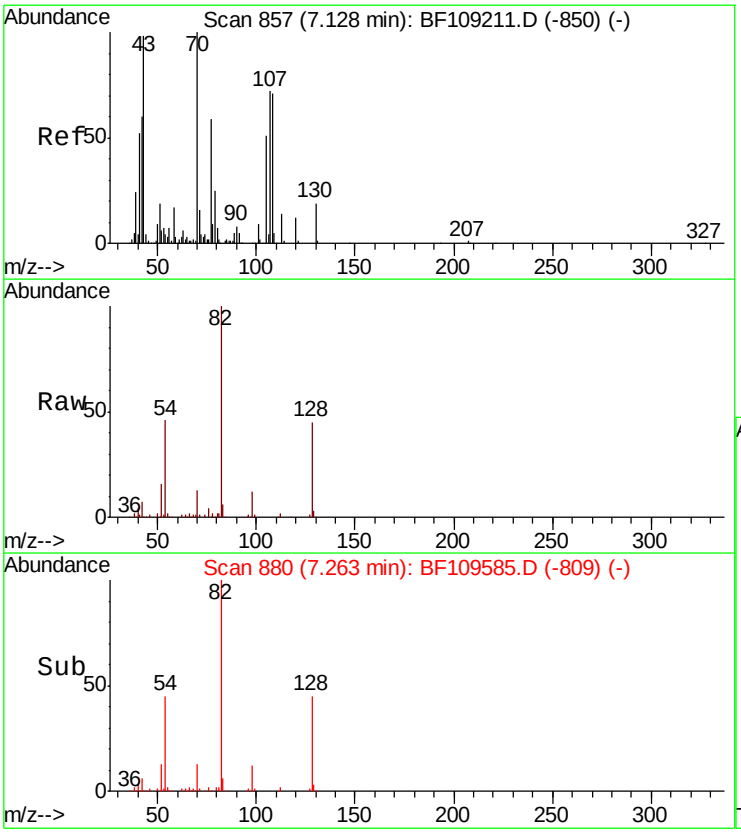
#7
Phenol-d6
Concen: 41.789 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion: 99 Resp: 379351

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	35.3	25.4	38.0

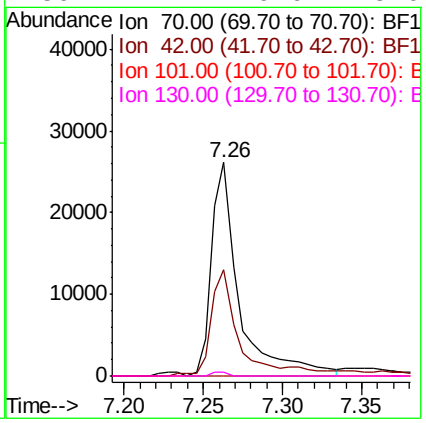


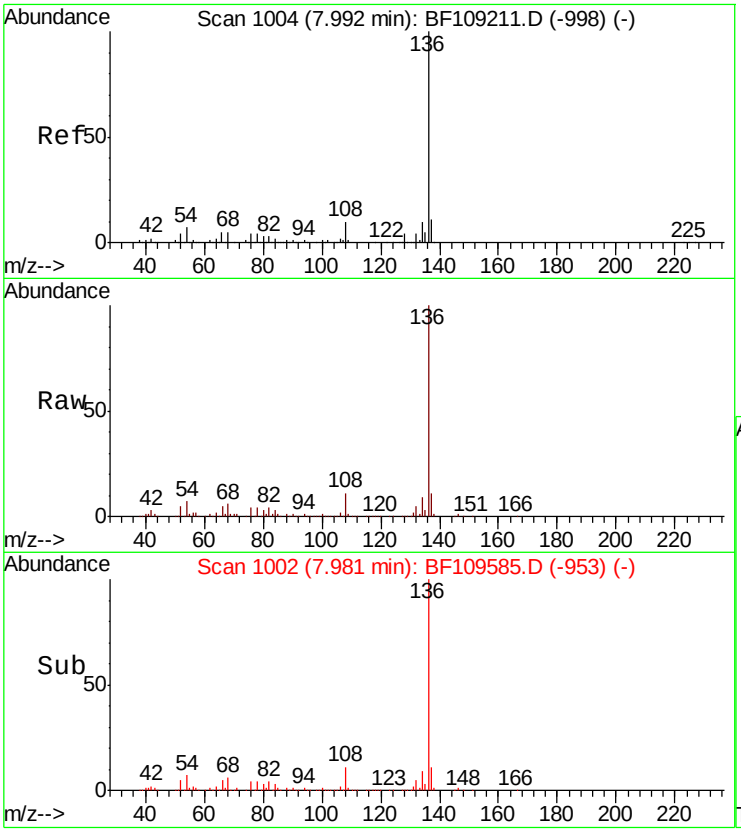


#19
n-Nitroso-di-n-propylamine
Concen: 5.351 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion: 70 Resp: 31832

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



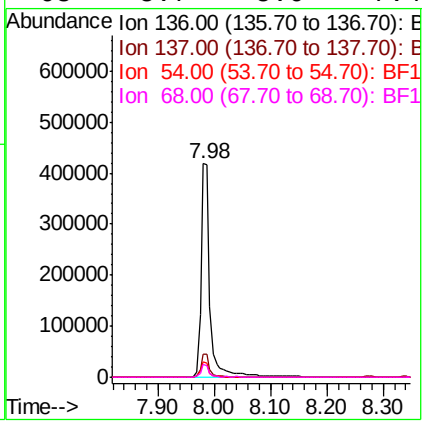


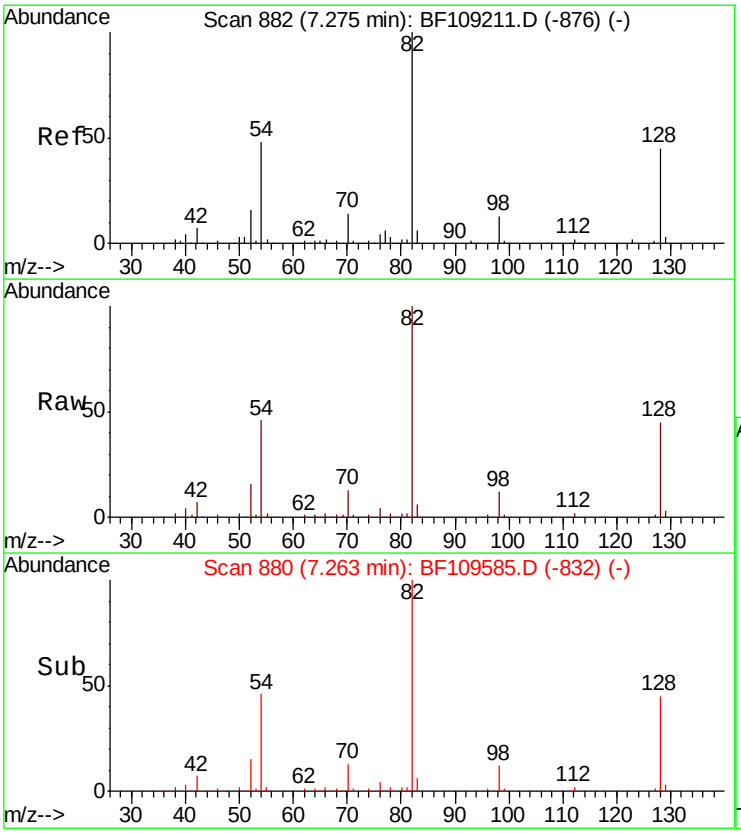
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:136 Resp: 466081

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

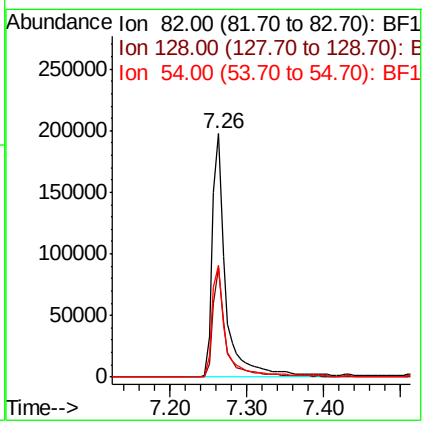


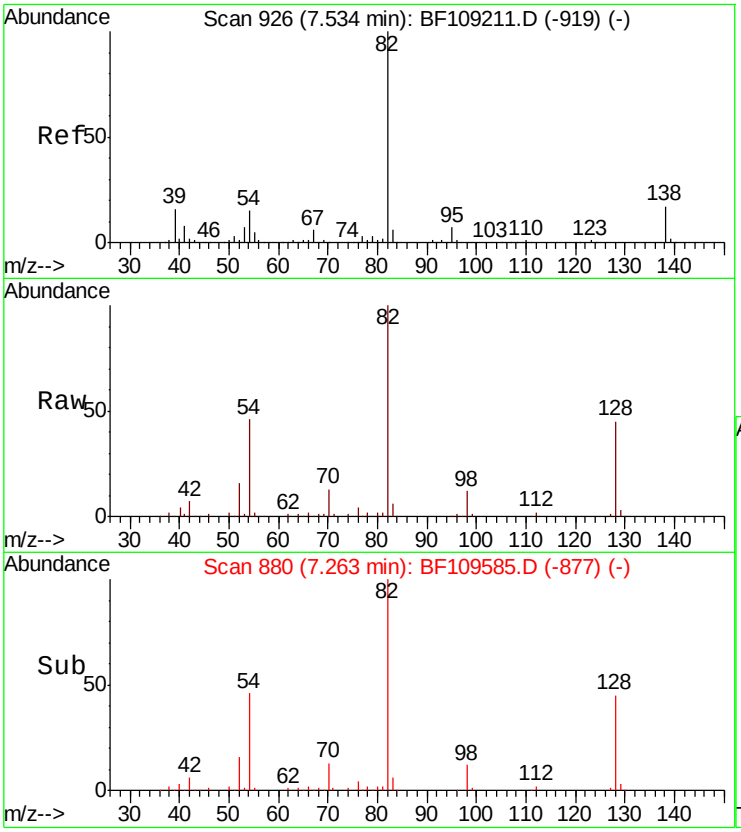


#23
Nitrobenzene-d5
Concen: 30.316 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion: 82 Resp: 239356

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	46.0	41.4	62.2



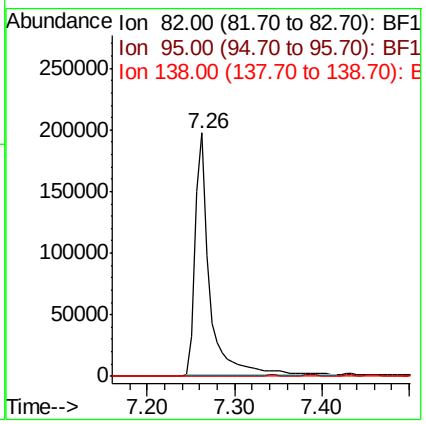


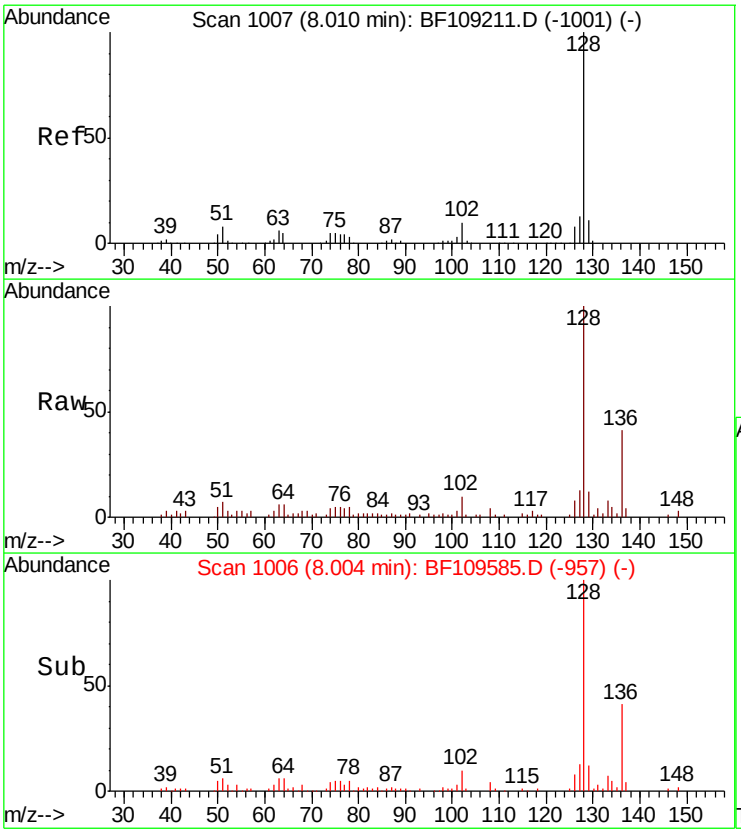
#25
Isophorone
Concen: 15.732 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion: 82 Resp: 223679

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

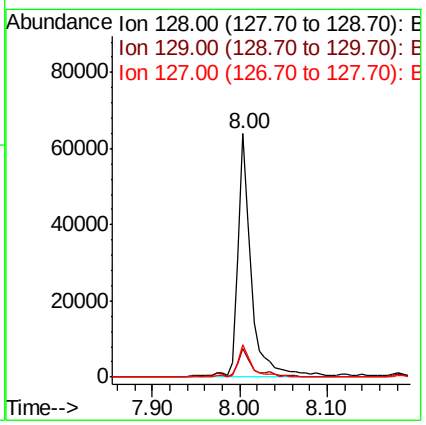


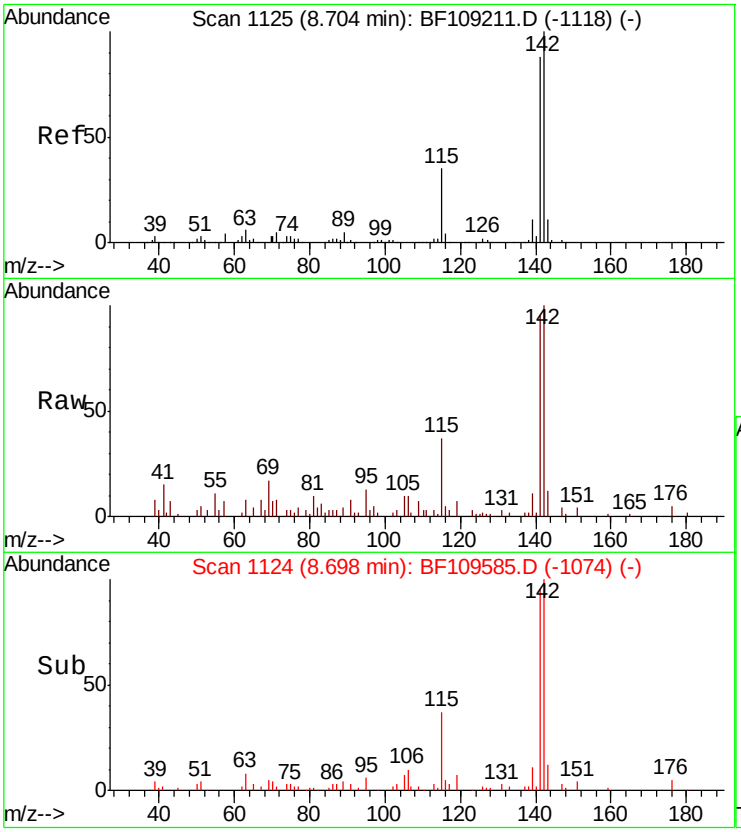


#31
Naphthalene
Concen: 3.084 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:128 Resp: 67162

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	13.3	10.9	16.3



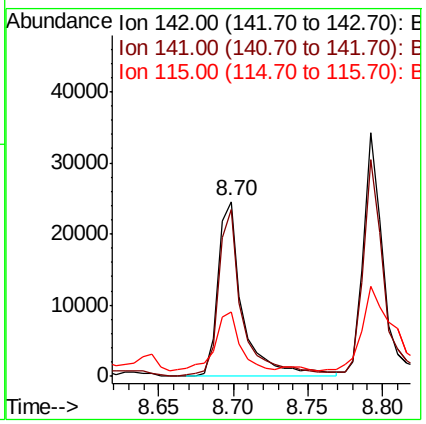


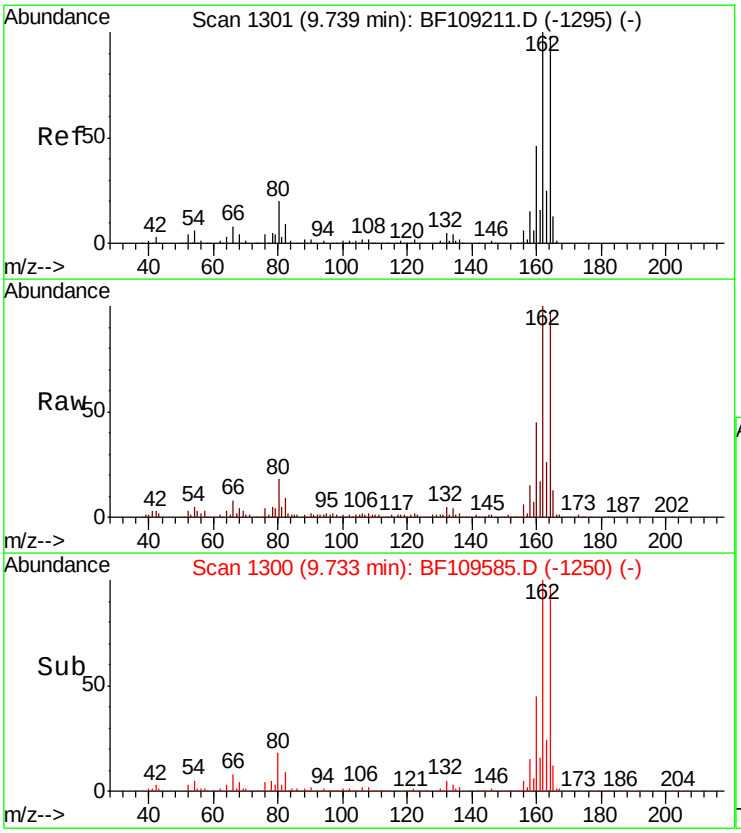
#37
2-Methylnaphthalene
Concen: 2.065 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:142 Resp: 28987

Ion	Ratio	Lower	Upper
142	100		
141	95.3	70.8	106.2
115	36.7	26.1	39.1

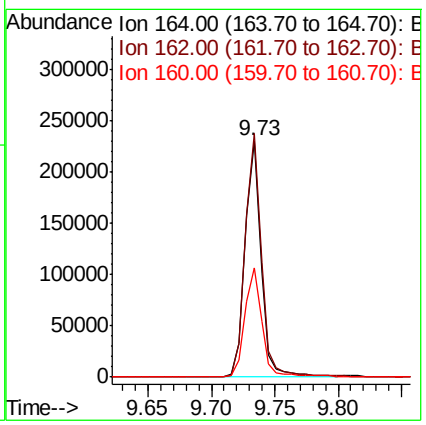


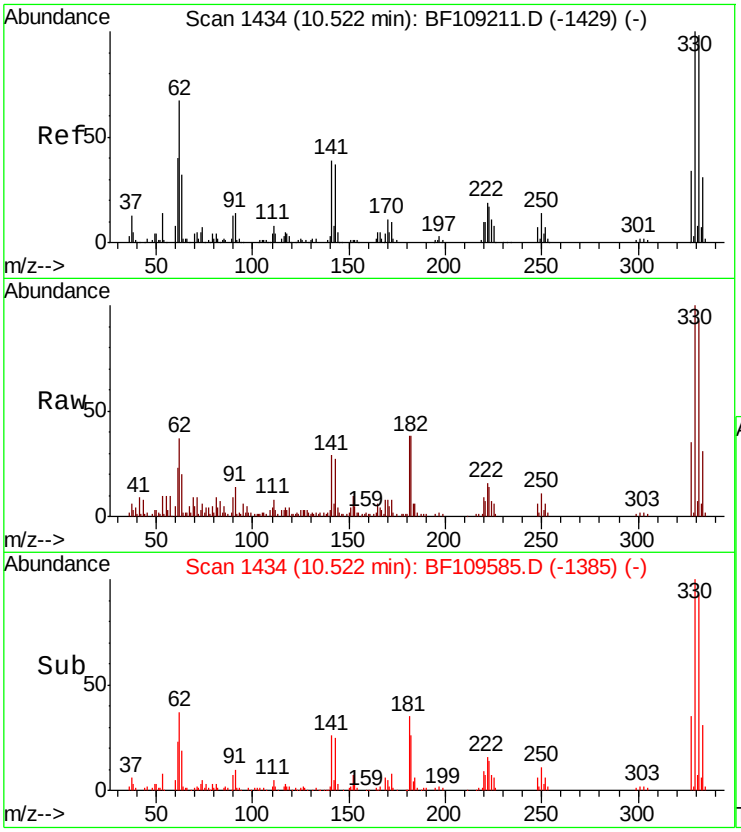


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:164 Resp: 203538

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.4	38.3	57.5



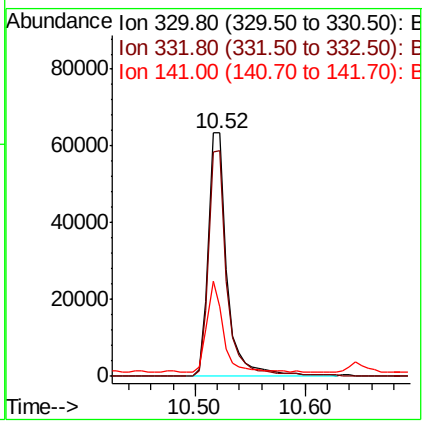


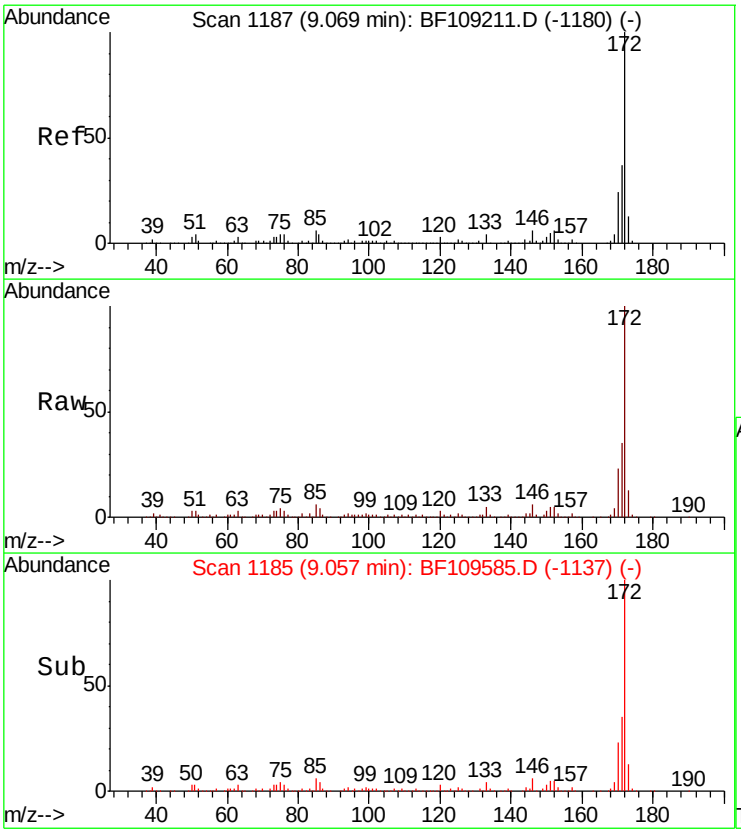
#41
2,4,6-Tribromophenol
Concen: 36.731 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:330 Resp: 73699

Ion	Ratio	Lower	Upper
330	100		
332	91.6	77.0	115.6
141	33.3	29.9	44.9

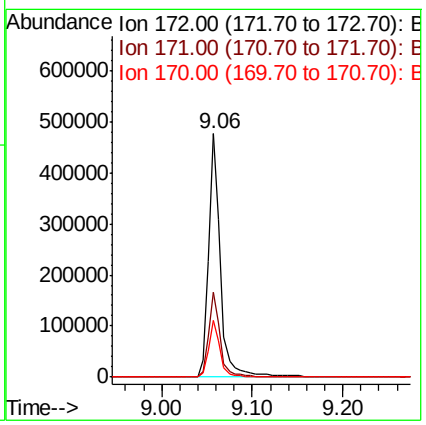


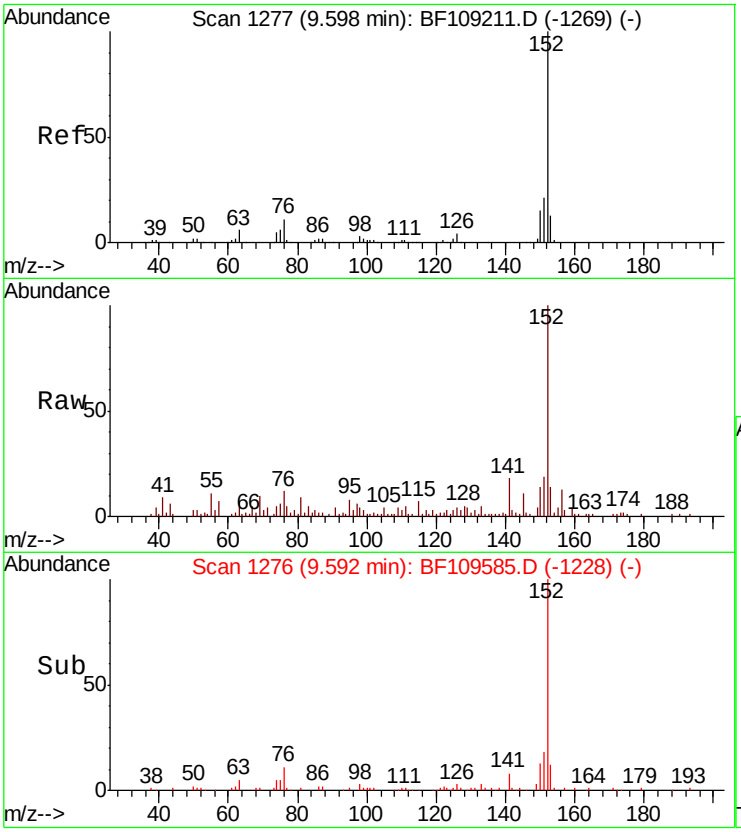


#44
2-Fluorobiphenyl
Concen: 32.603 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:172 Resp: 439996

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.5	19.6	29.4



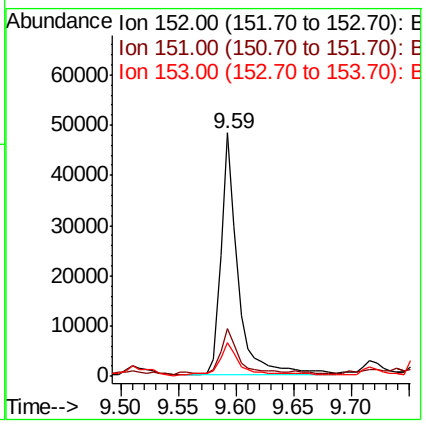


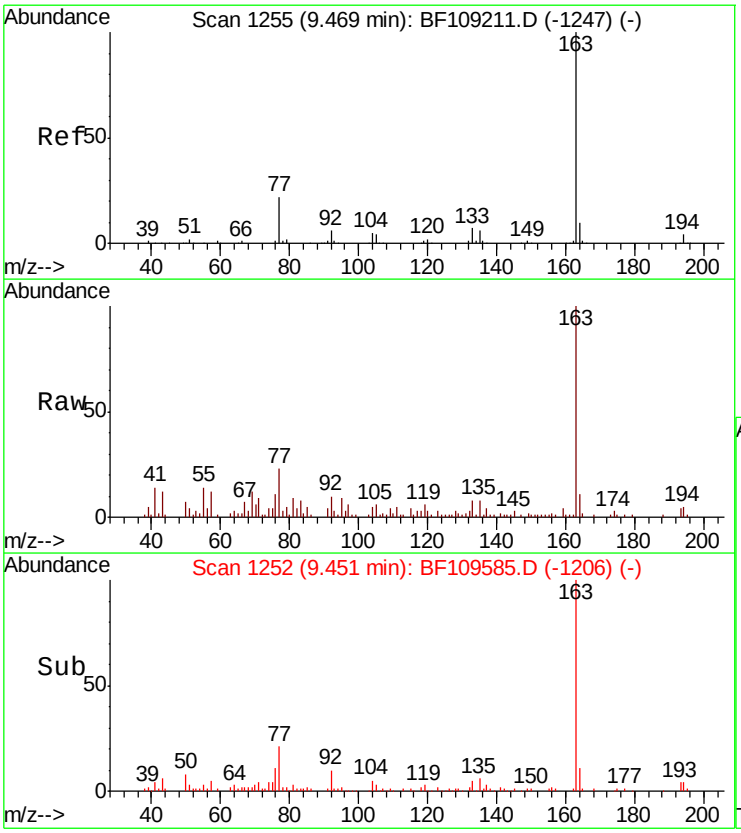
#48
Acenaphthylene
Concen: 2.436 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:152 Resp: 48695

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	13.7	10.7	16.1

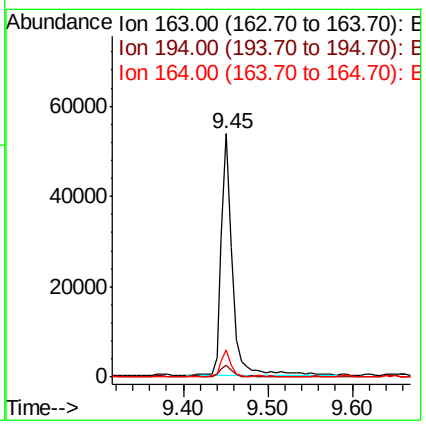


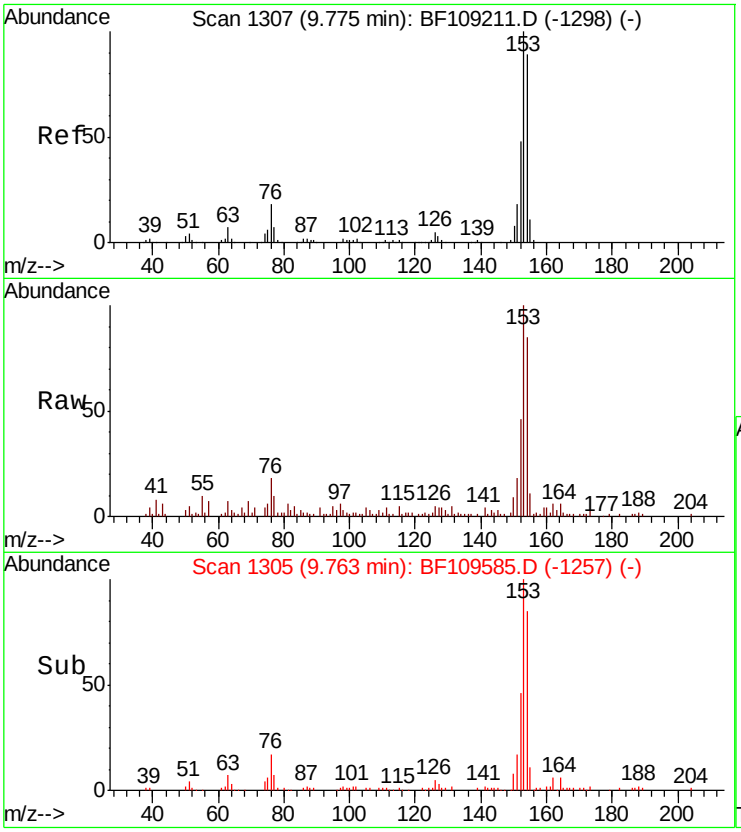


#49
Dimethylphthalate
Concen: 3.337 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:163 Resp: 49407

Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.7	4.1#
164	11.4	8.2	12.2



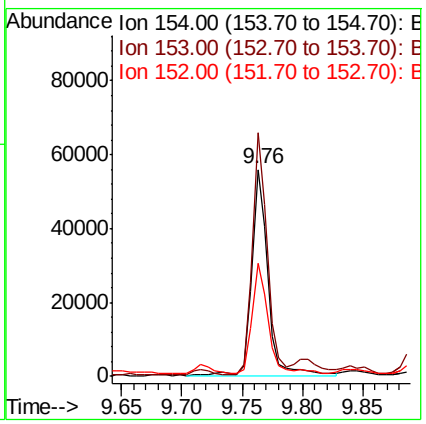


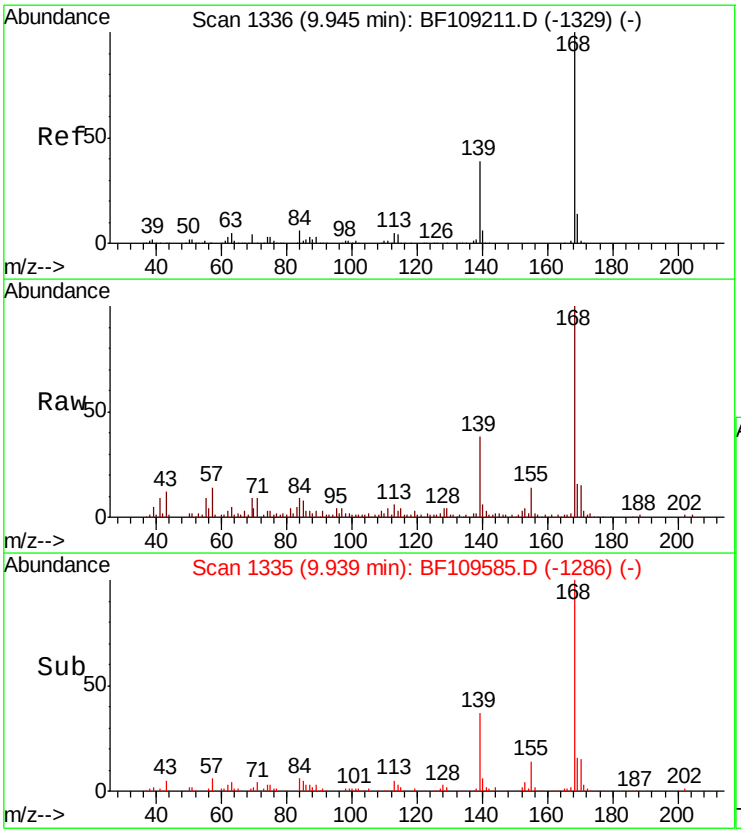
#51
Acenaphthene
Concen: 4.441 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:154 Resp: 53667

Ion	Ratio	Lower	Upper
154	100		
153	117.6	91.2	136.8
152	54.5	43.8	65.8

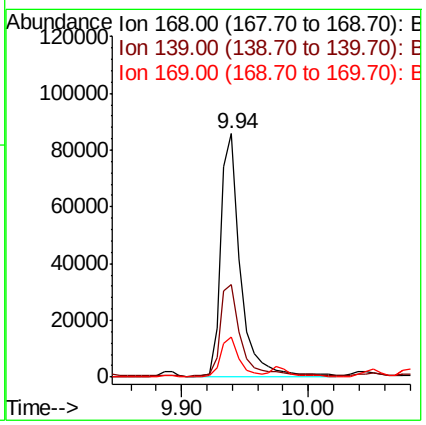


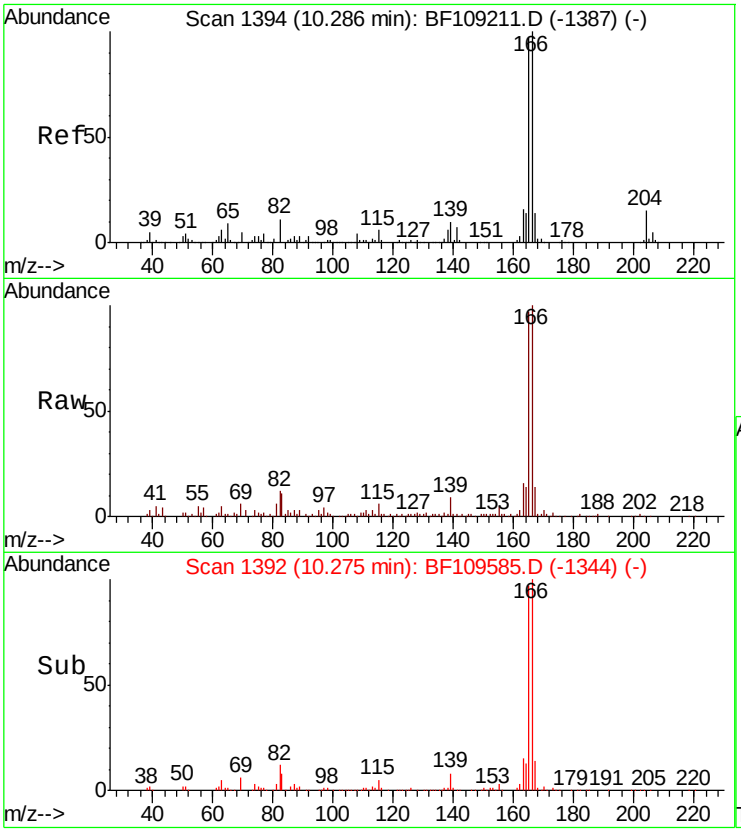


#54
Dibenzofuran
Concen: 5.214 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:168 Resp: 93698

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	16.3	10.9	16.3



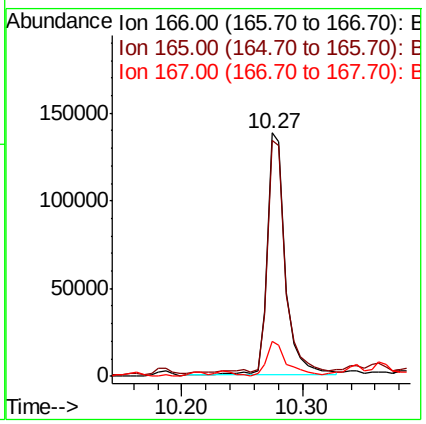


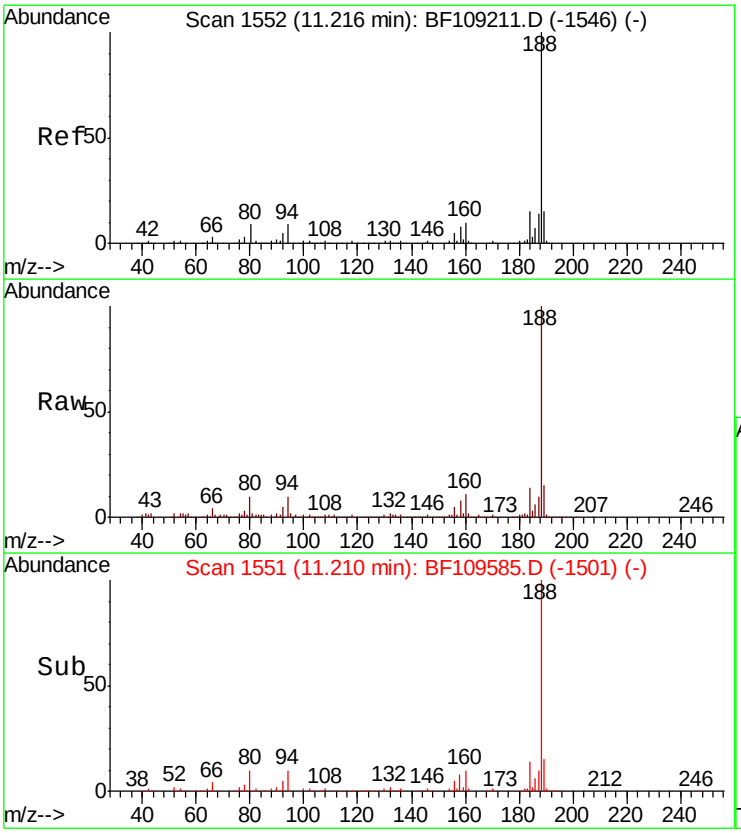
#57
Fluorene
Concen: 11.220 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:166 Resp: 143866

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.8	119.8
167	14.2	10.6	16.0

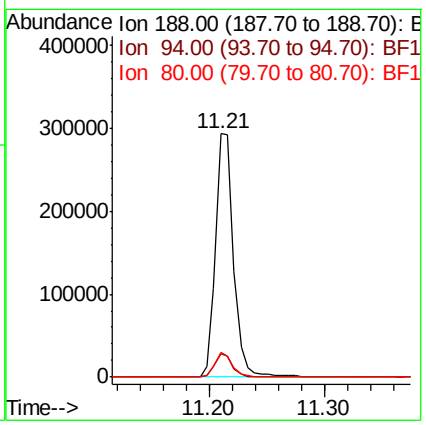


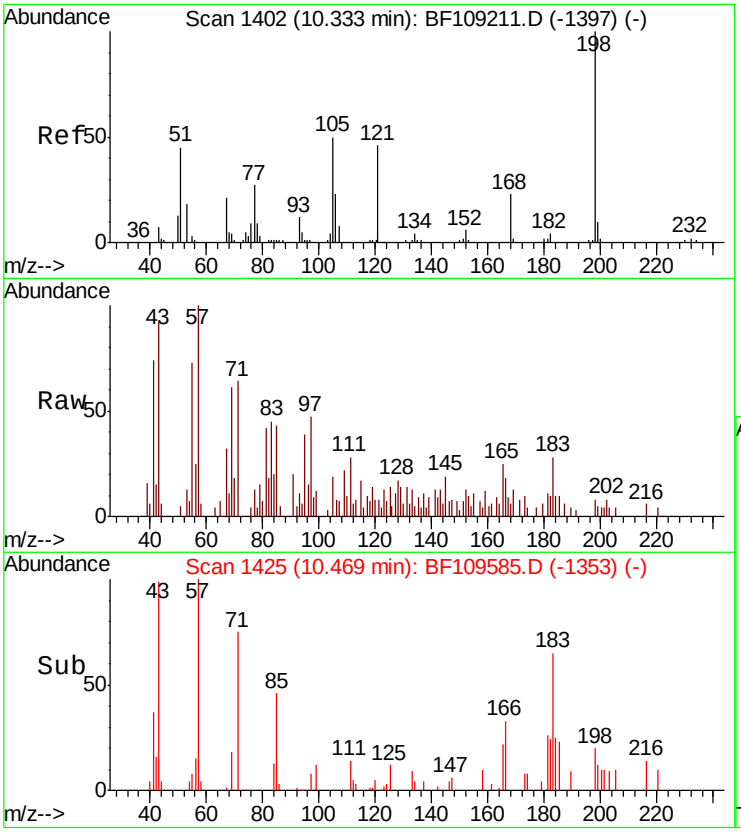


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:188 Resp: 319606

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.0	9.2	13.8



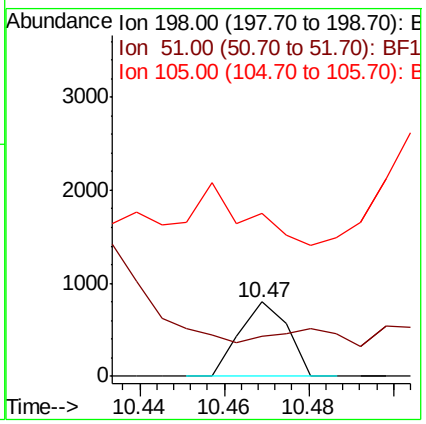


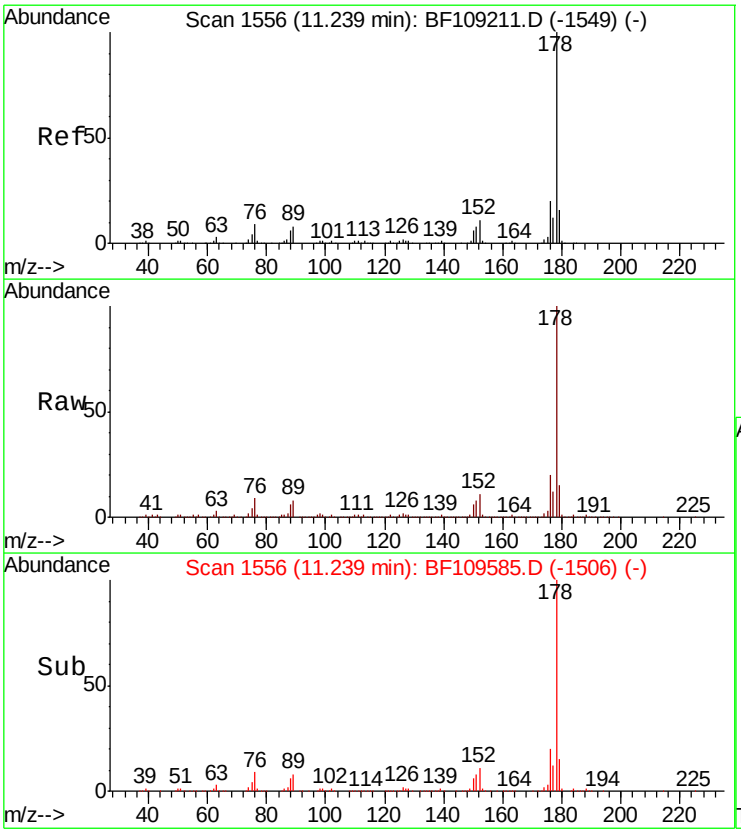
#64
4,6-Dinitro-2-methylphenol
Concen: 6.951 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.12 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:198 Resp: 638

Ion	Ratio	Lower	Upper
198	100		
51	54.3	37.7	77.7
105	219.4	36.3	76.3#

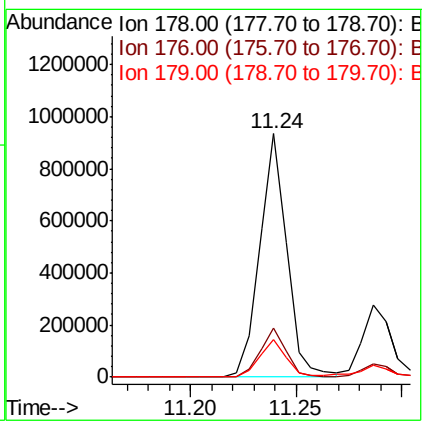


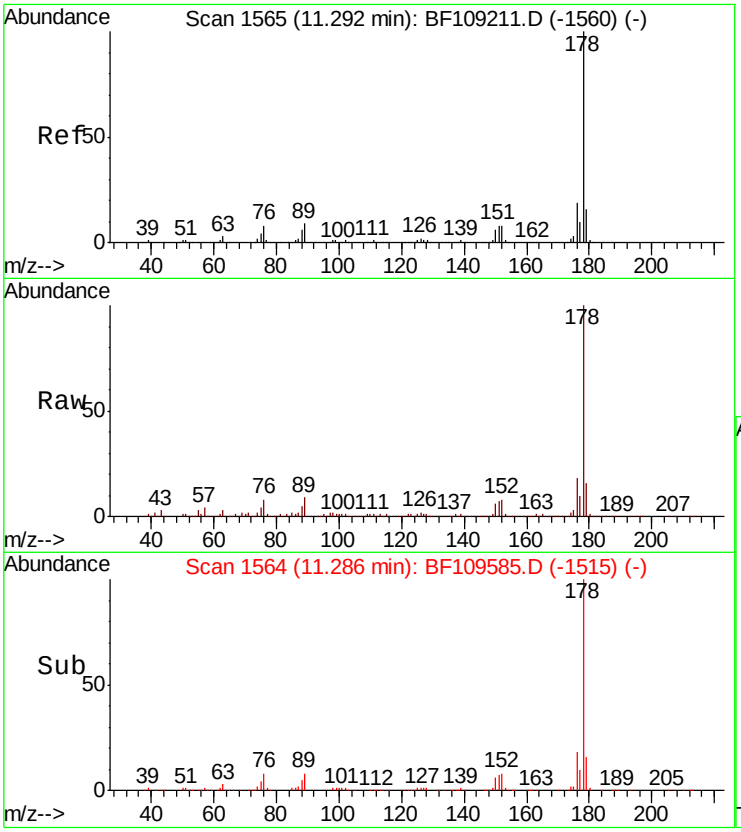


#70
Phenanthrene
Concen: 52.371 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:178 Resp: 835729

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.4	13.0	19.6



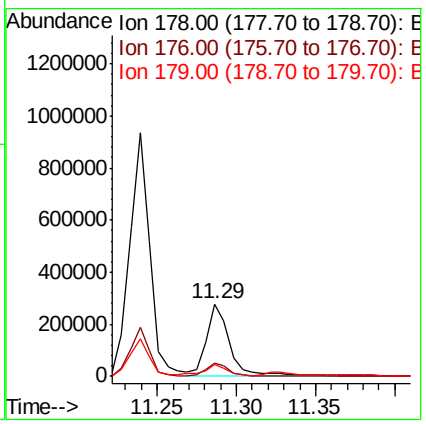


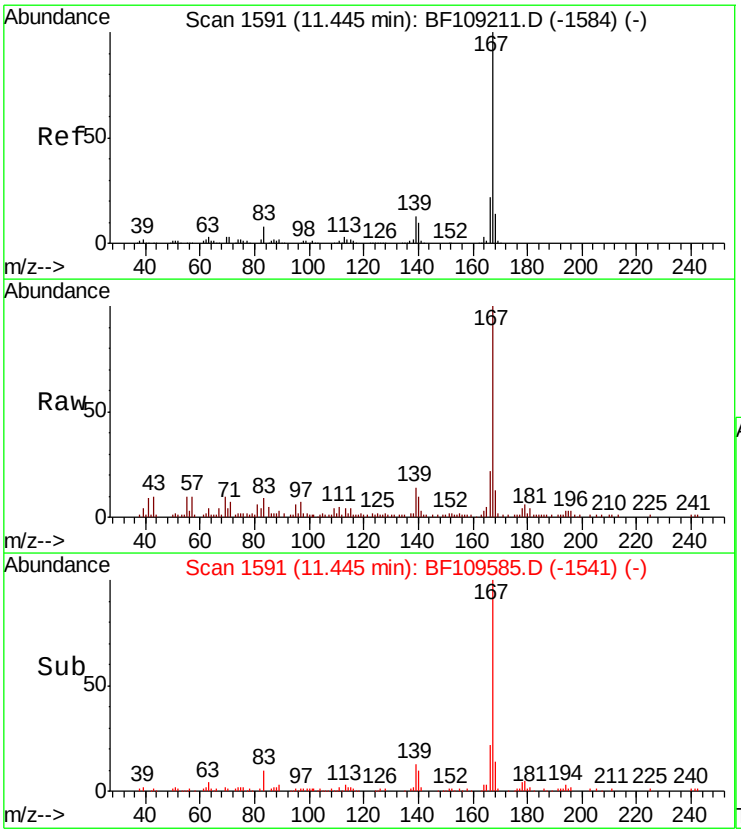
#71
Anthracene
Concen: 17.008 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:178 Resp: 275291

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.0	12.6	19.0

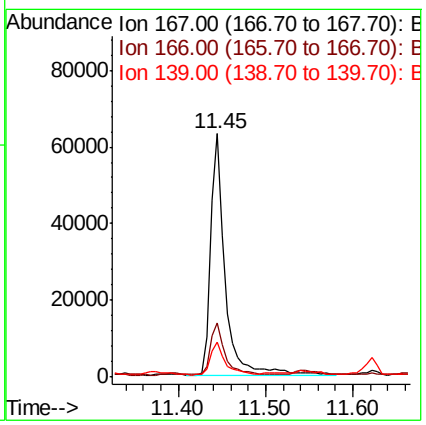


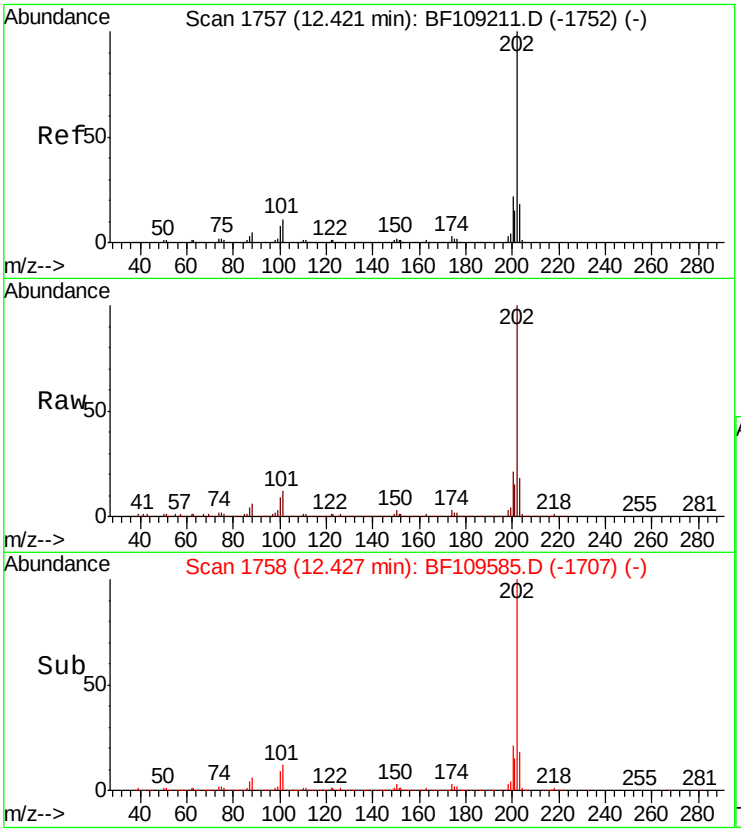


#72
Carbazole
Concen: 4.475 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:167 Resp: 72071

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	14.4	10.9	16.3



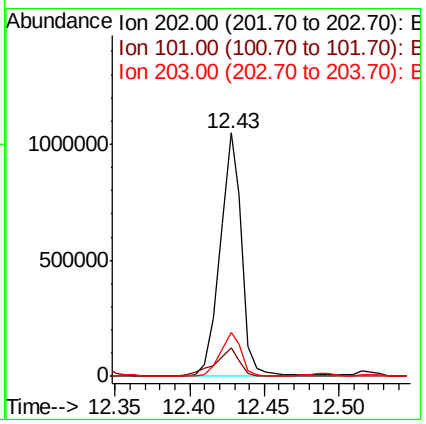


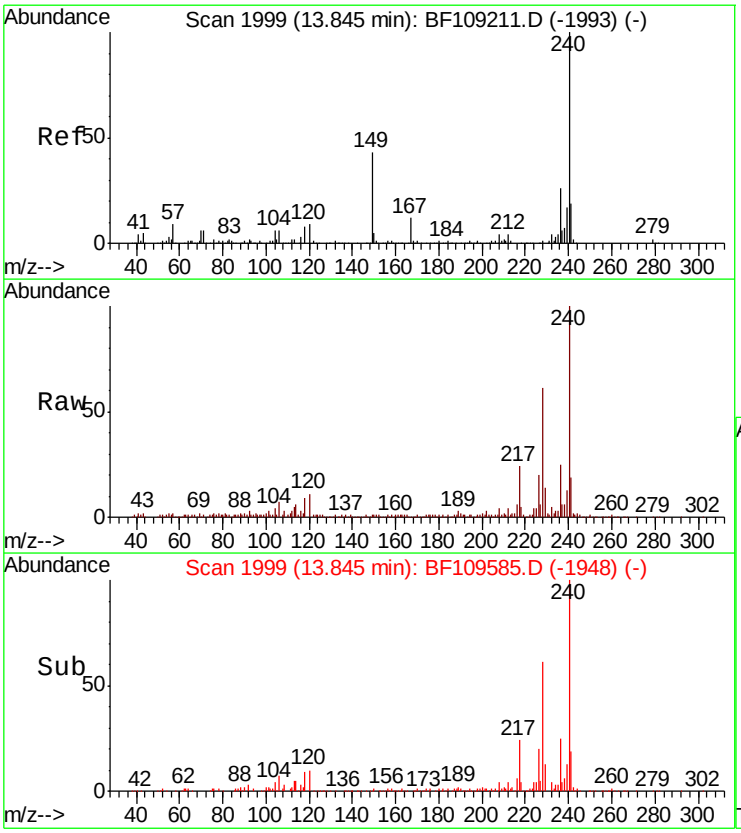
#74
Fluoranthene
Concen: 62.553 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:202 Resp: 1066759

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	18.0	0.0	38.1

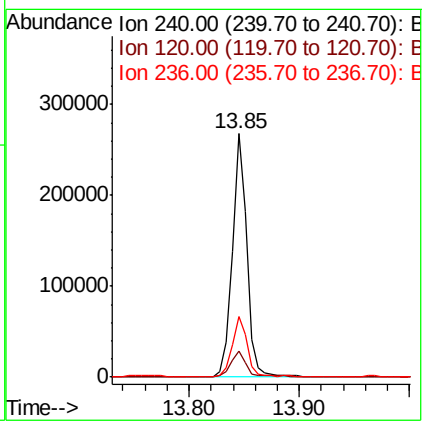


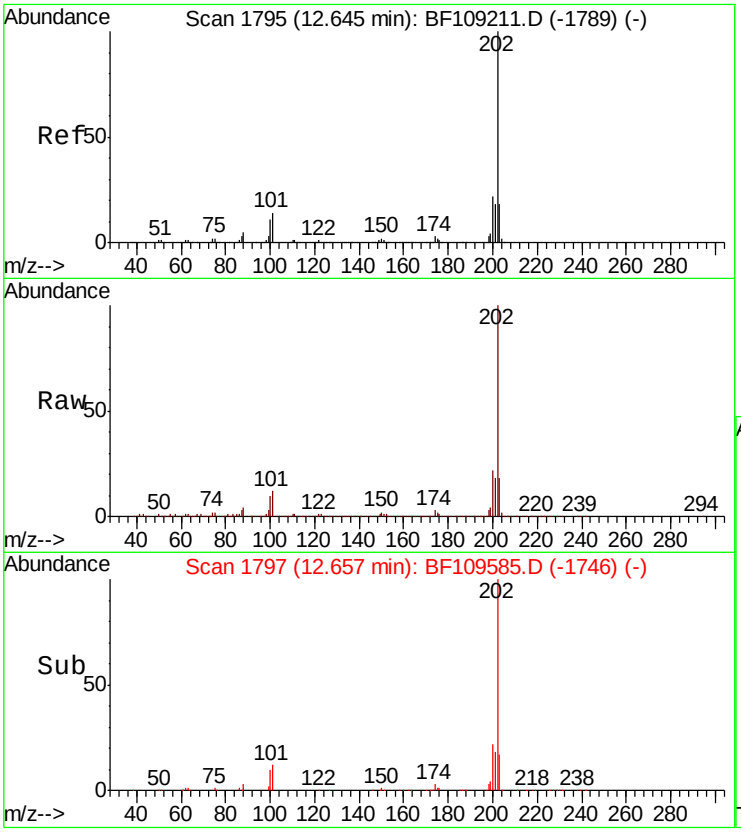


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:240 Resp: 246013

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.1	20.7	31.1



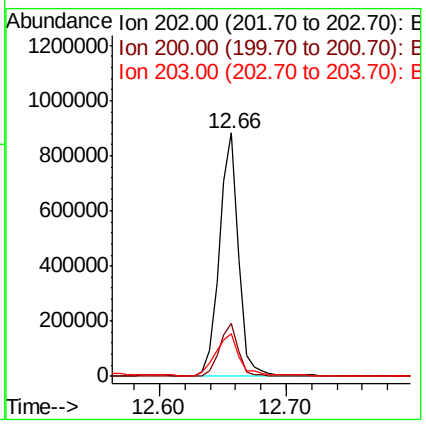


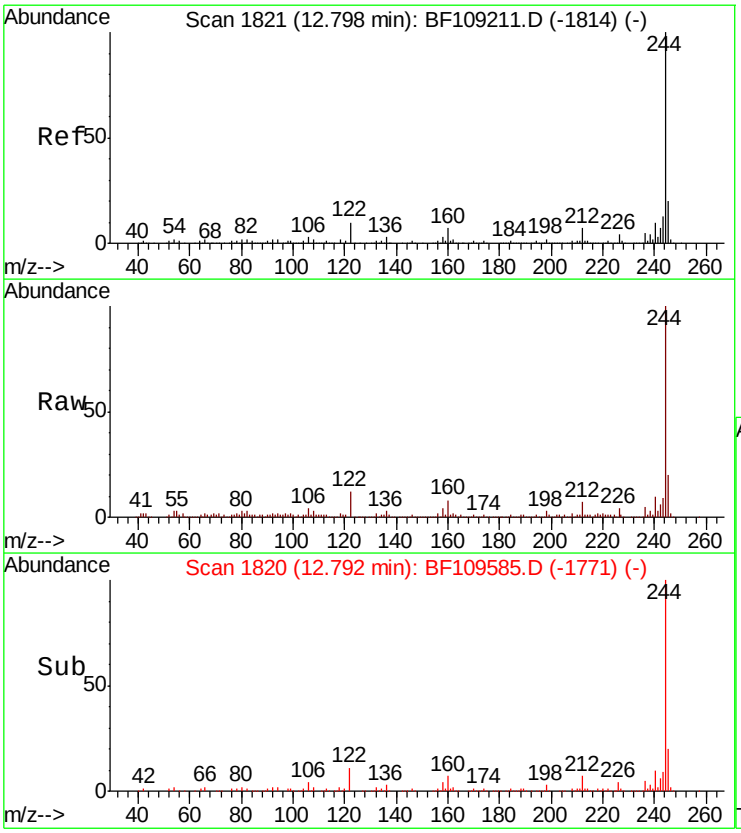
#77
Pyrene
Concen: 52.415 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:202 Resp: 924144

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.7	14.3	21.5

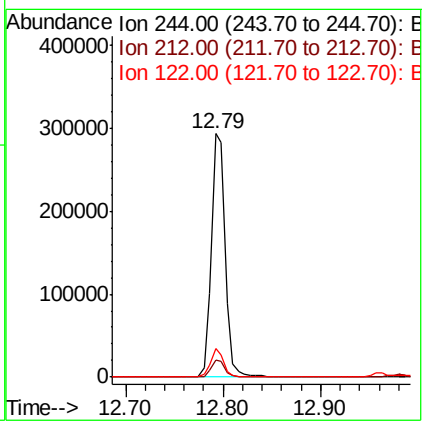


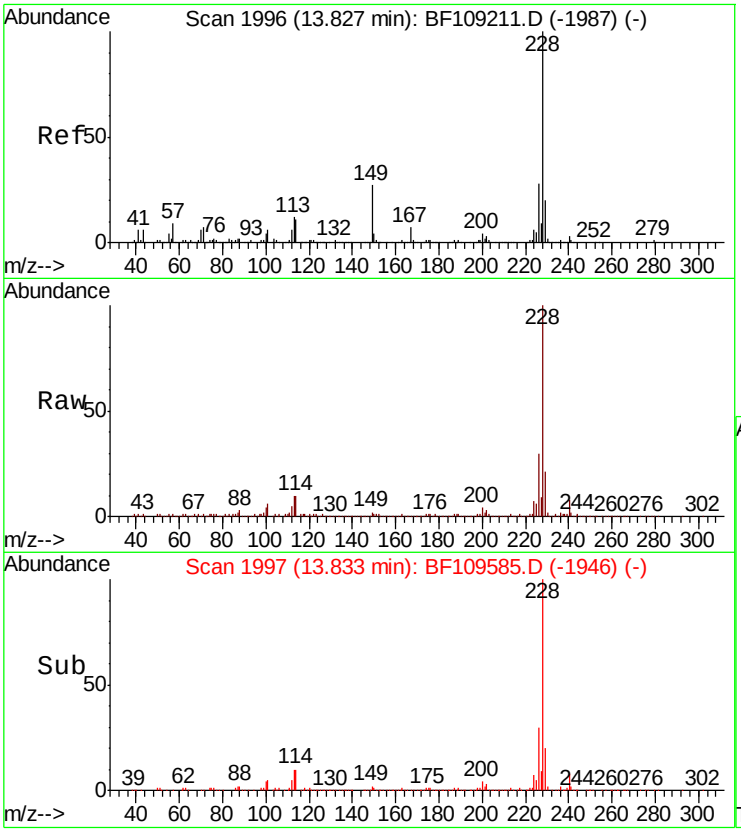


#78
Terphenyl-d14
Concen: 28.736 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:244 Resp: 288063

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.5	11.0	16.4



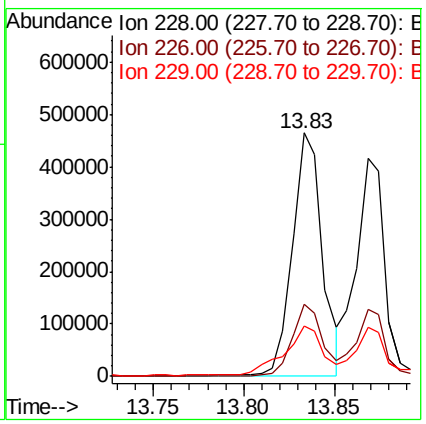


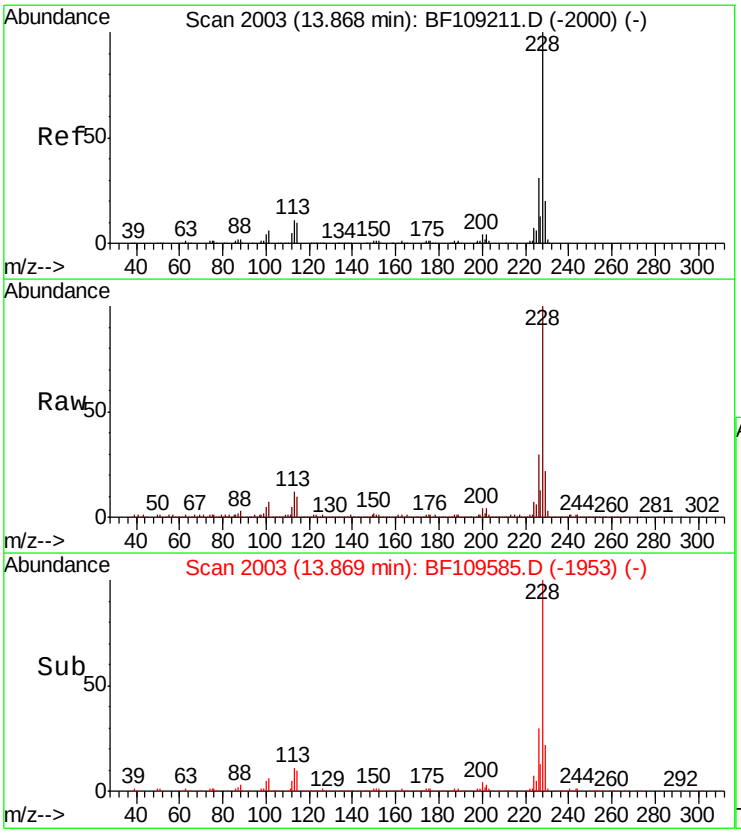
#80
Benzo(a)anthracene
Concen: 36.462 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:228 Resp: 540303

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.8	15.8	23.6

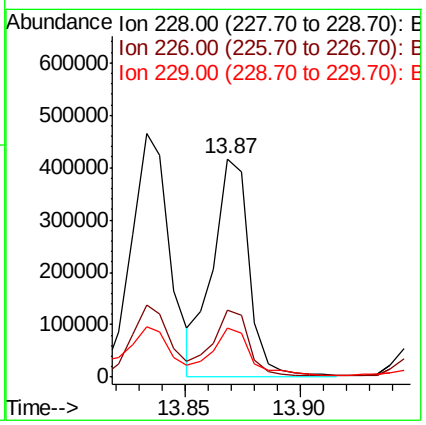


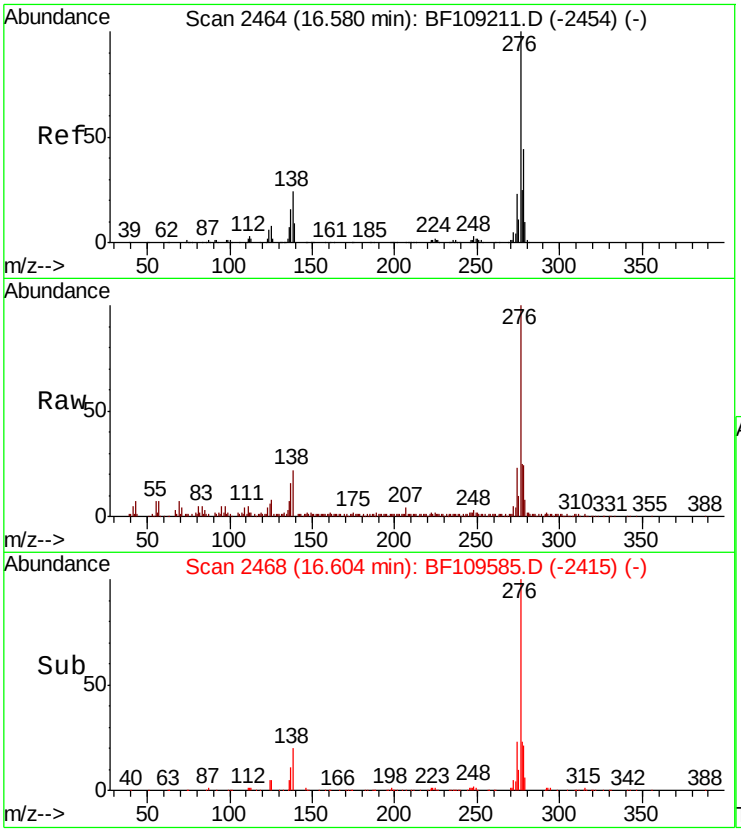


#82
Chrysene
Concen: 30.898 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:228 Resp: 453793

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.2	16.2	24.4



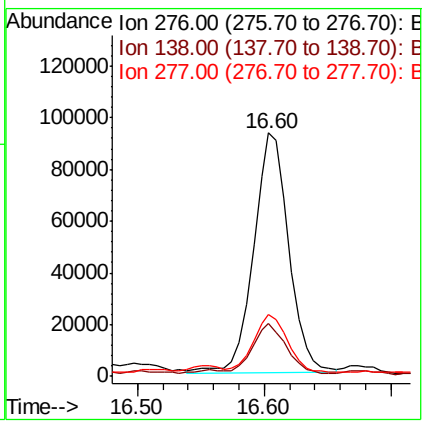


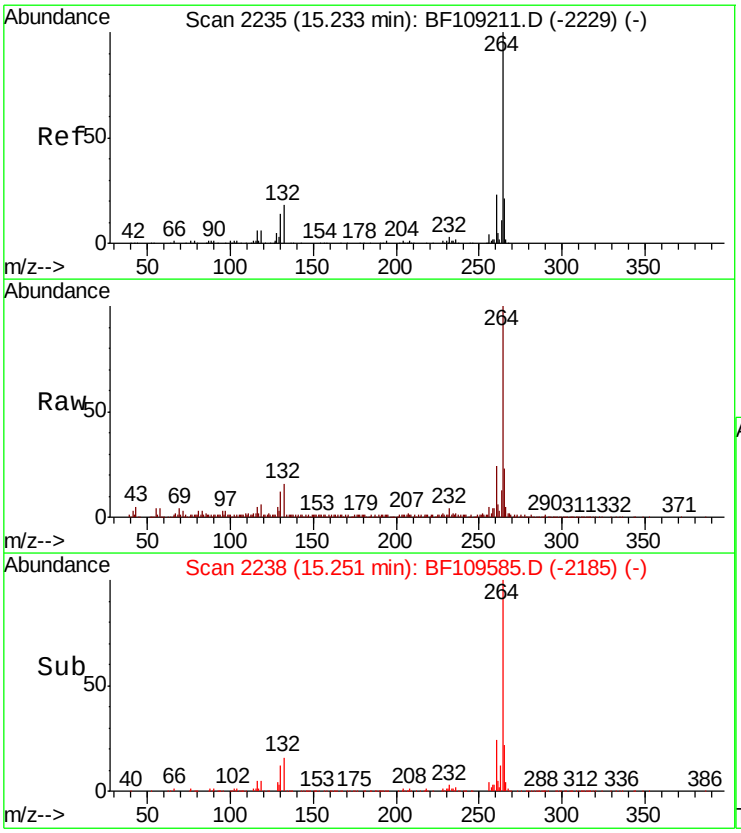
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.029 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:276 Resp: 178914

Ion	Ratio	Lower	Upper
276	100		
138	19.7	25.0	37.6#
277	23.1	20.1	30.1

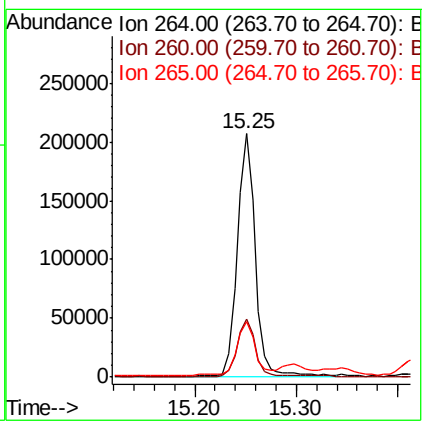


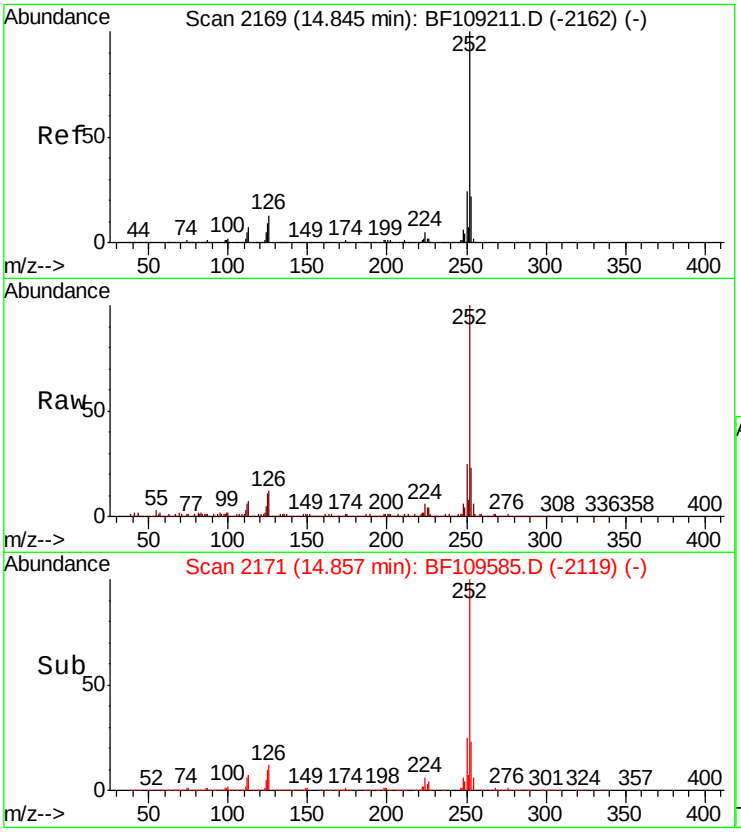


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:264 Resp: 252971

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.0	17.5	26.3



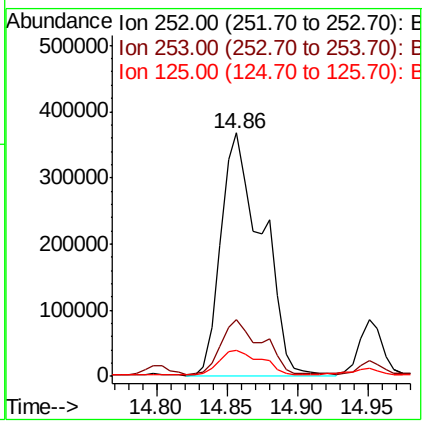


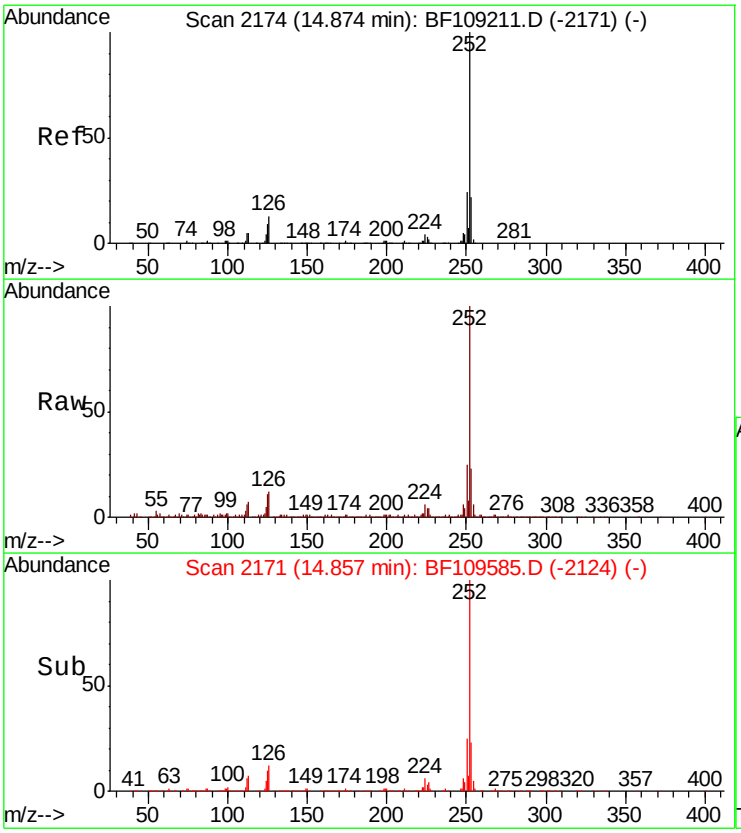
#87
Benzo(b)fluoranthene
Concen: 53.697 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:252 Resp: 746417

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.8	9.0	13.6

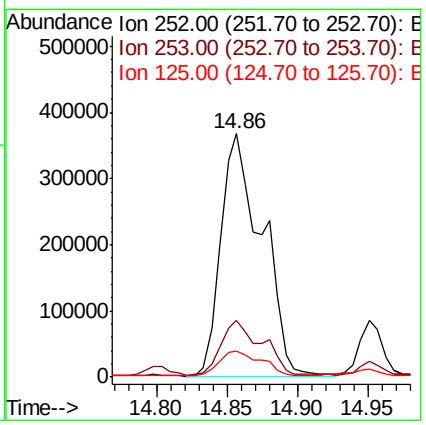


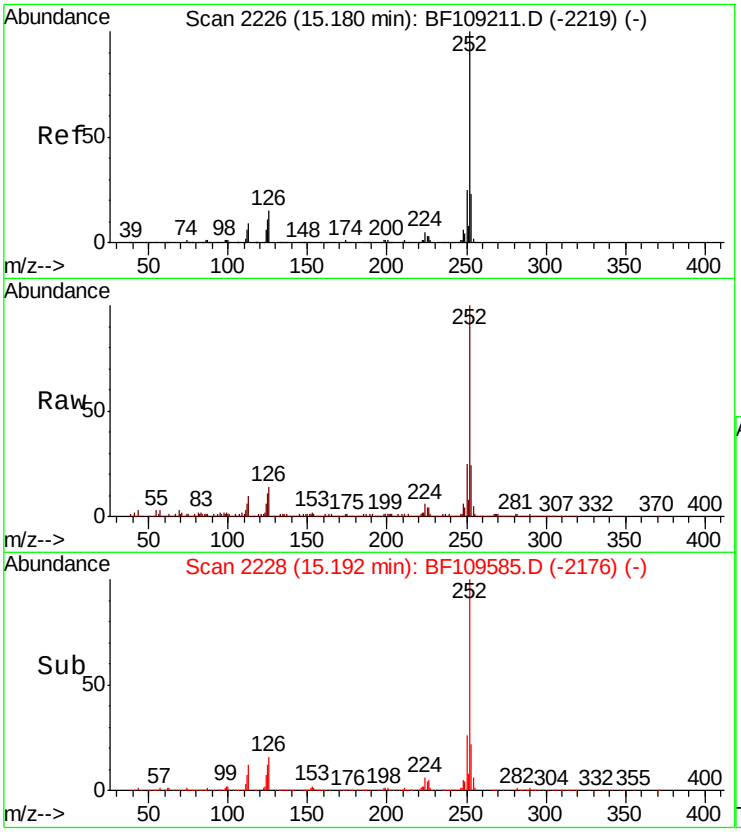


#88
Benzo(k)fluoranthene
Concen: 56.587 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:252 Resp: 746417

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	10.8	10.2	15.2



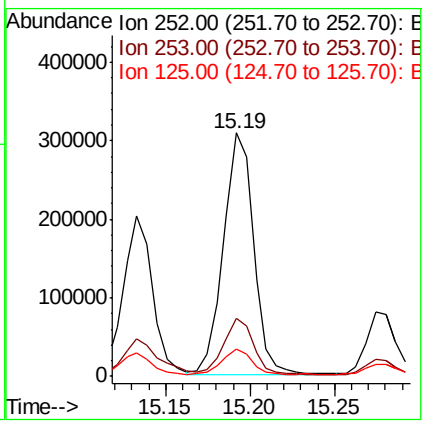


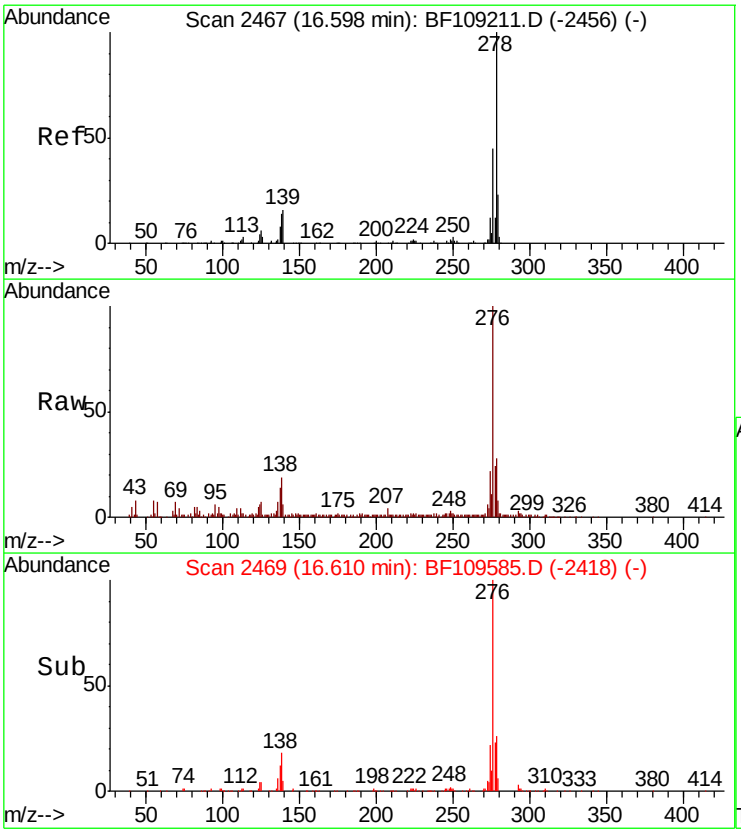
#89
Benzo(a)pyrene
Concen: 30.823 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:252 Resp: 386076

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	11.0	9.8	14.6

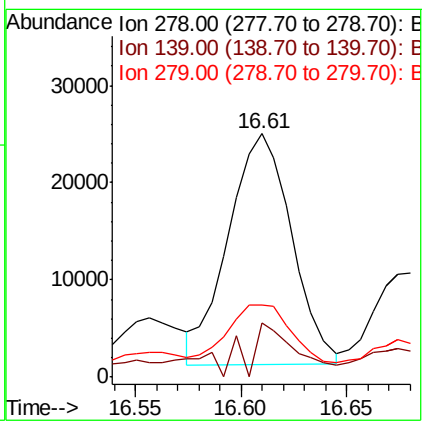


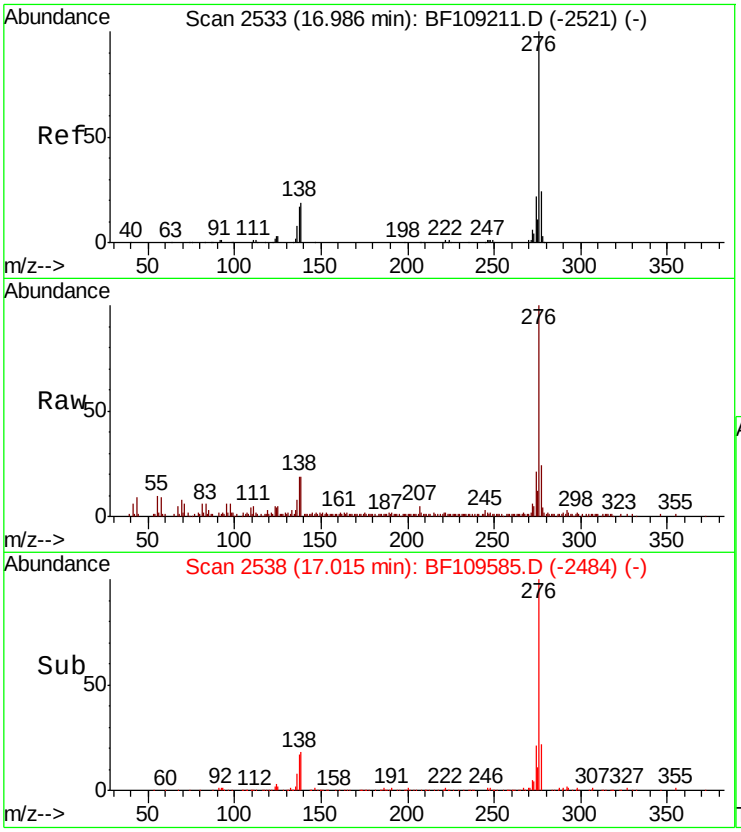


#90
Dibenzo(a,h)anthracene
Concen: 4.810 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:278 Resp: 49423

Ion	Ratio	Lower	Upper
278	100		
139	22.0	15.9	23.9
279	29.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 15.465 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :
SU-04-100318-A

Tgt Ion:276 Resp: 156183

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	19.1	21.8	32.8#