Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108969.D
Acq On : 13 Sep 2018 17:29
Operator : JU/SJ
Sample : J4883-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 14 01:56:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151537	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	597840	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	290886	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	537934	20.00	ng		0.00
75) Chrysene-d12	13.87	240	382184	20.00	ng		0.00
86) Perylene-d12	15.27	264	412055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	128886	14.09	ng		-0.01
7) Phenol-d6	6.35	99	176423	14.99	ng		-0.02
23) Nitrobenzene-d5	7.28	82	101357	10.61	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	42392	15.27	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	174701	10.25	ng		-0.01
78) Terphenyl-d14	12.82	244	148890	9.08	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.28	82	101355	5.319	ng	#	64
49) Dimethylphthalate	9.48	163	50138	2.464	ng	#	99
50) 2,6-Dinitrotoluene	9.76	165	37667	9.716	ng	#	26
56) 2,4-Dinitrotoluene	9.76	165	37667	7.597	ng	#	24
70) Phenanthrene	11.26	178	183343	7.137	ng		97
71) Anthracene	11.31	178	53103	2.159	ng		99
74) Fluoranthene	12.44	202	258573	10.166	ng		96
77) Pyrene	12.67	202	224685	7.640	ng		98
80) Benzo(a)anthracene	13.85	228	107457	4.387	ng		99
82) Chrysene	13.89	228	98607	4.158	ng		96
85) Indeno(1,2,3-cd)pyrene	16.62	276	49826	2.374	ng	#	92
87) Benzo(b)fluoranthene	14.87	252	161459	7.206	ng		98
88) Benzo(k)fluoranthene	14.87	252	161459	7.825	ng		99
89) Benzo(a)pyrene	15.21	252	92281	4.565	ng		97
91) Benzo(g,h,i)perylene	17.02	276	45498	2.551	ng		96

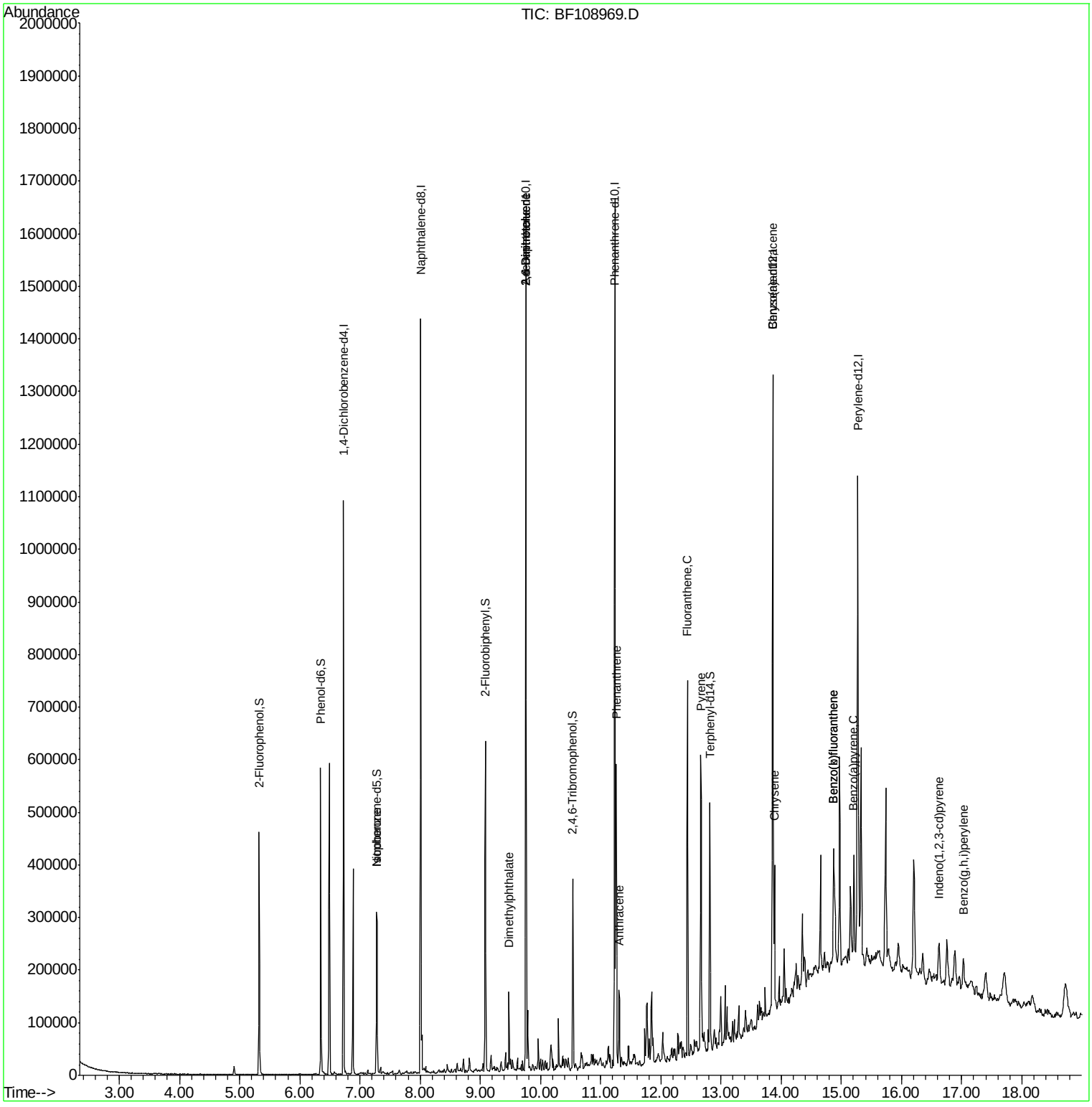
(#) = qualifier out of range (m) = manual integration (+) = signals summed

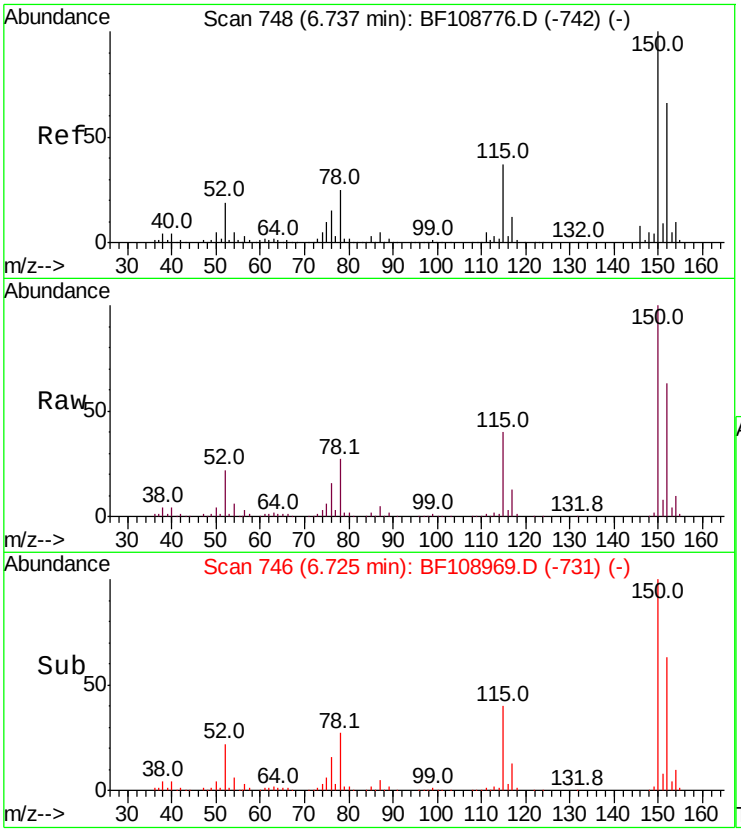
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108969.D
Acq On : 13 Sep 2018 17:29
Operator : JU/SJ
Sample : J4883-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 14 01:56:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



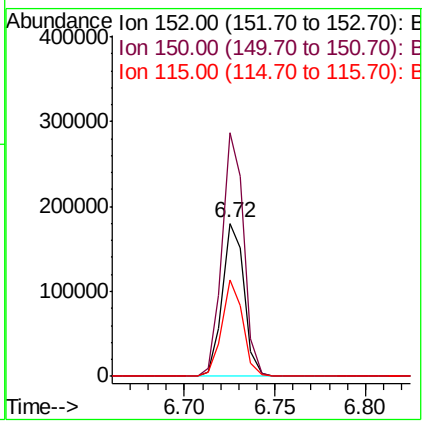


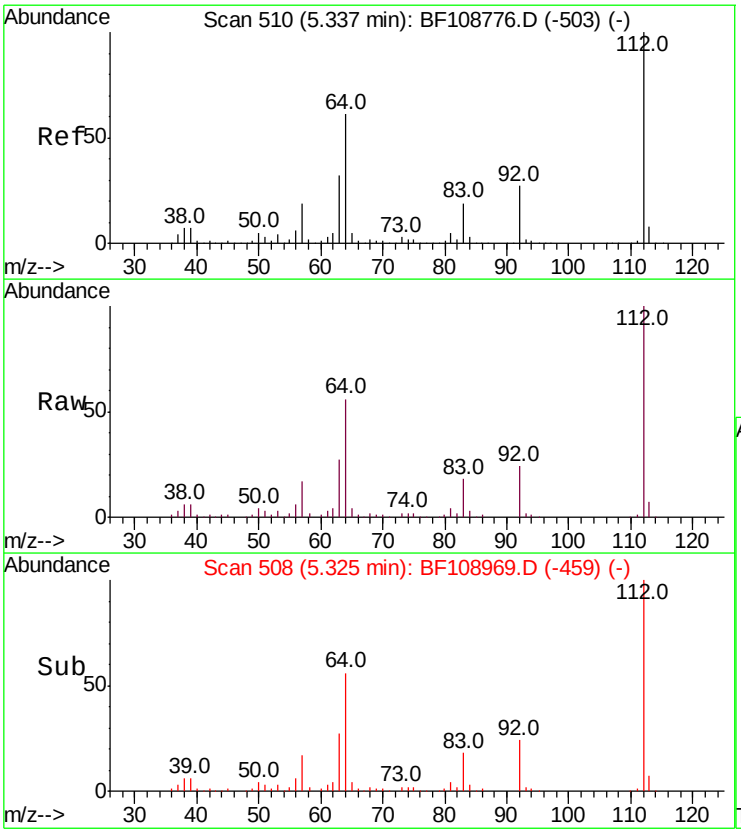
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151537

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	62.8	50.1	75.1

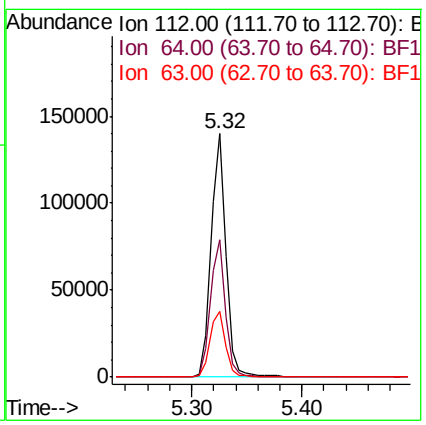


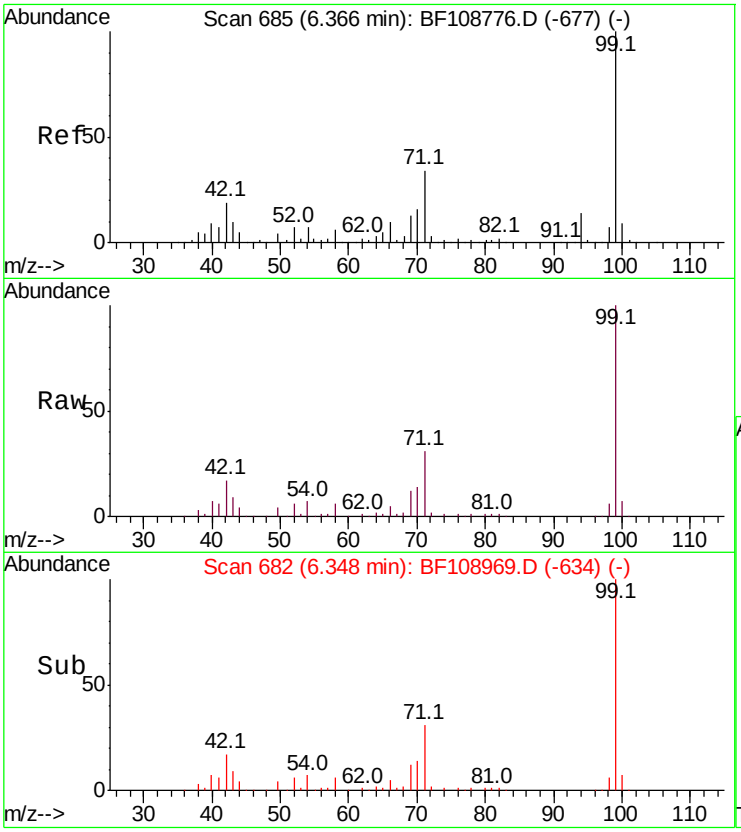


#5
2-Fluorophenol
Concen: 14.090 ng
RT: 5.32 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion:112 Resp: 128886

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	26.9	23.7	35.5



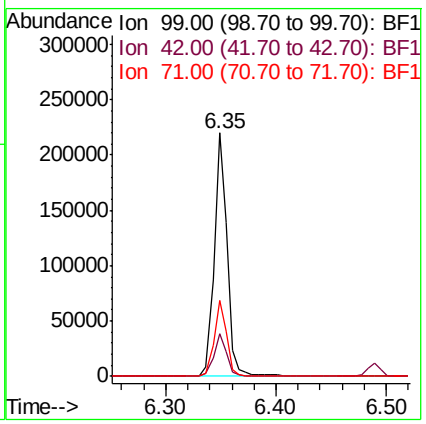


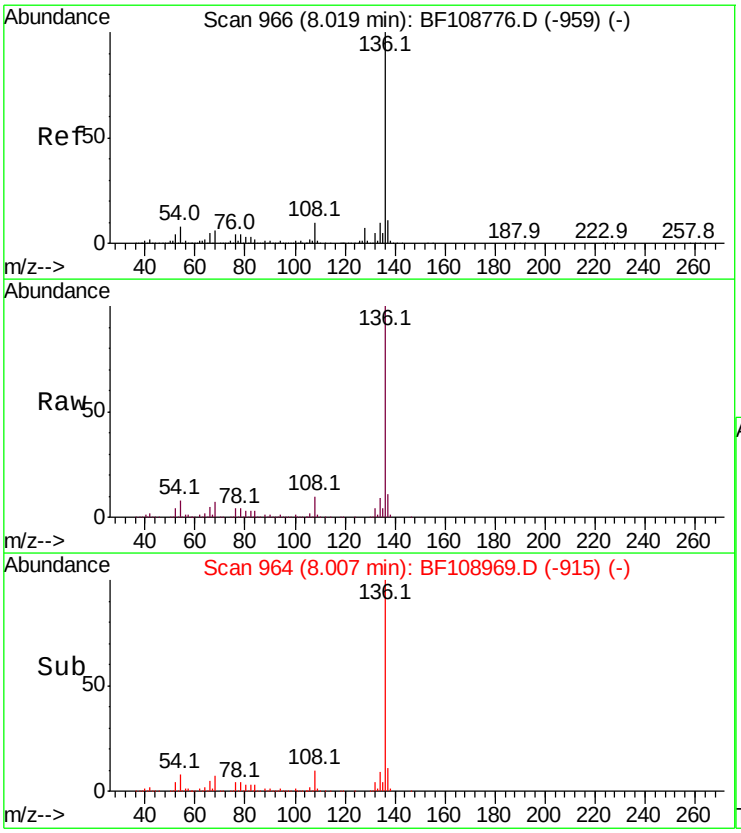
#7
Phenol-d6
Concen: 14.990 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 176423

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.5	21.7
71	31.2	25.4	38.0

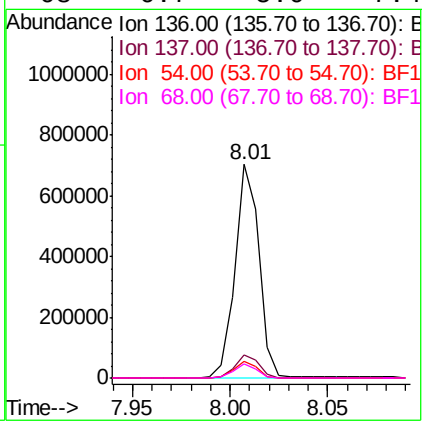


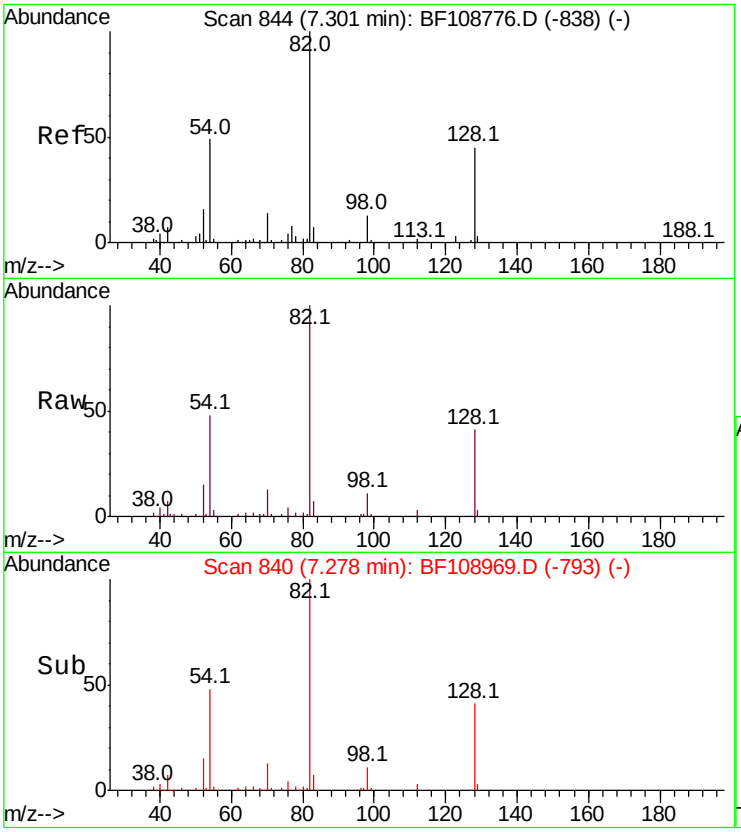


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion:136 Resp: 597840

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.6	9.8
68	6.7	5.0	7.4



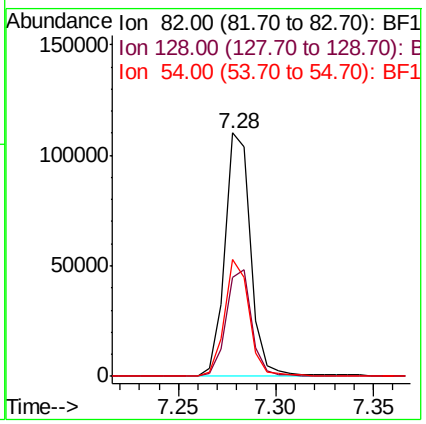


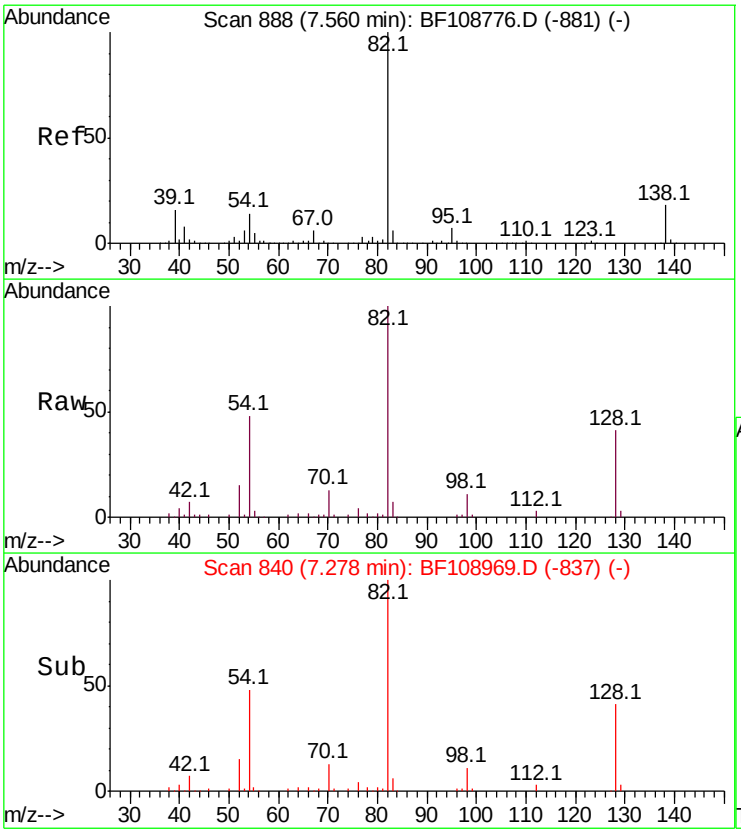
#23
Nitrobenzene-d5
Concen: 10.610 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.02 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 101357

Ion	Ratio	Lower	Upper
82	100		
128	40.7	36.1	54.1
54	48.2	41.4	62.2

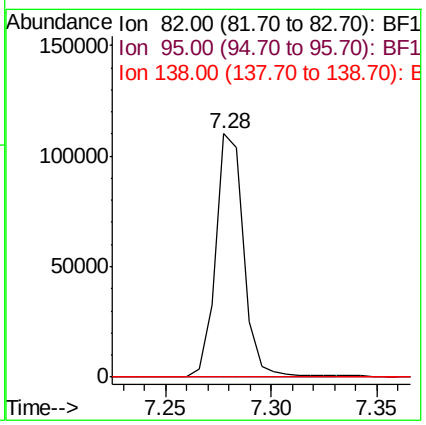


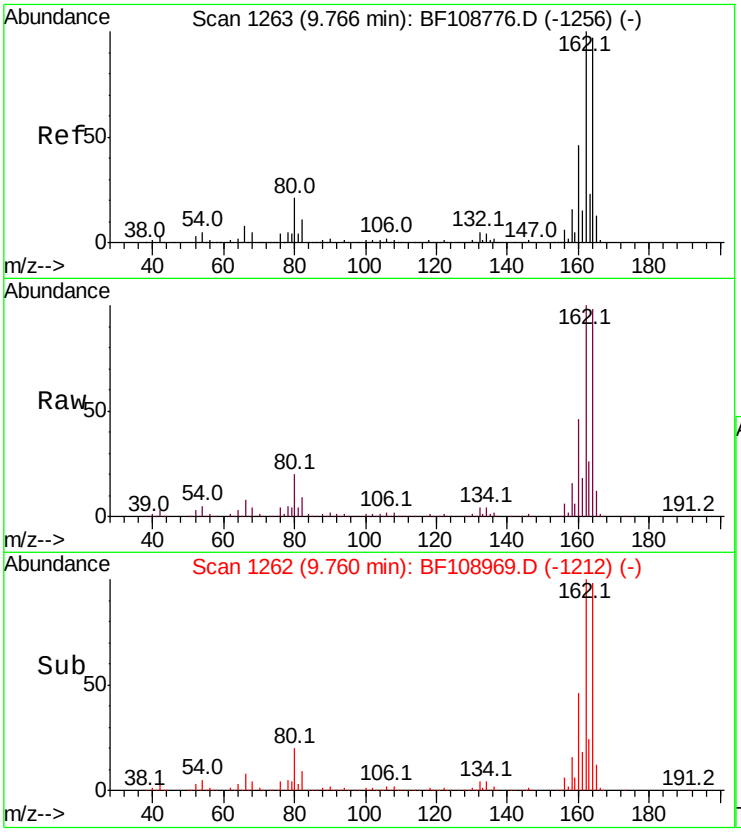


#25
Isophorone
Concen: 5.319 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.28 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion: 82 Resp: 101355

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



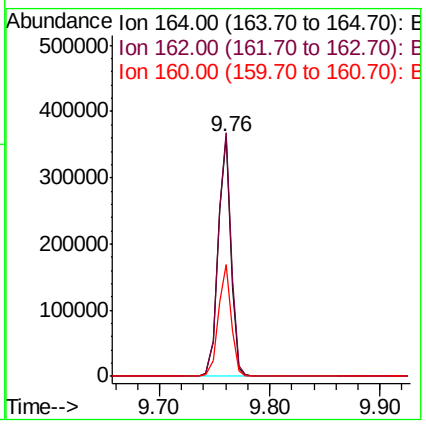


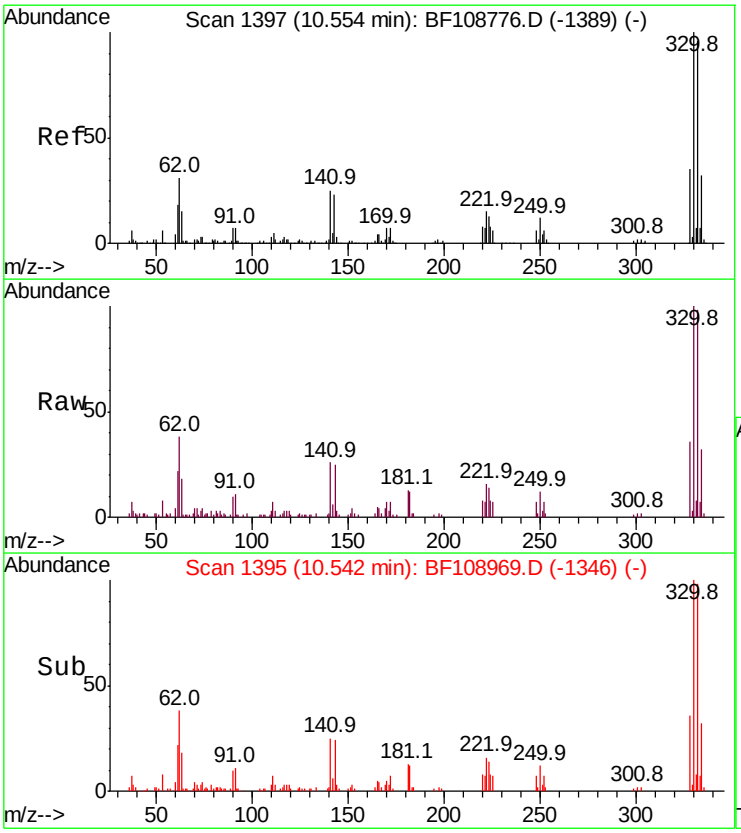
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 290886

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	46.5	38.3	57.5

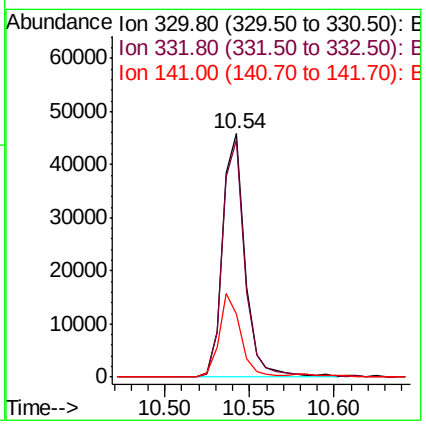


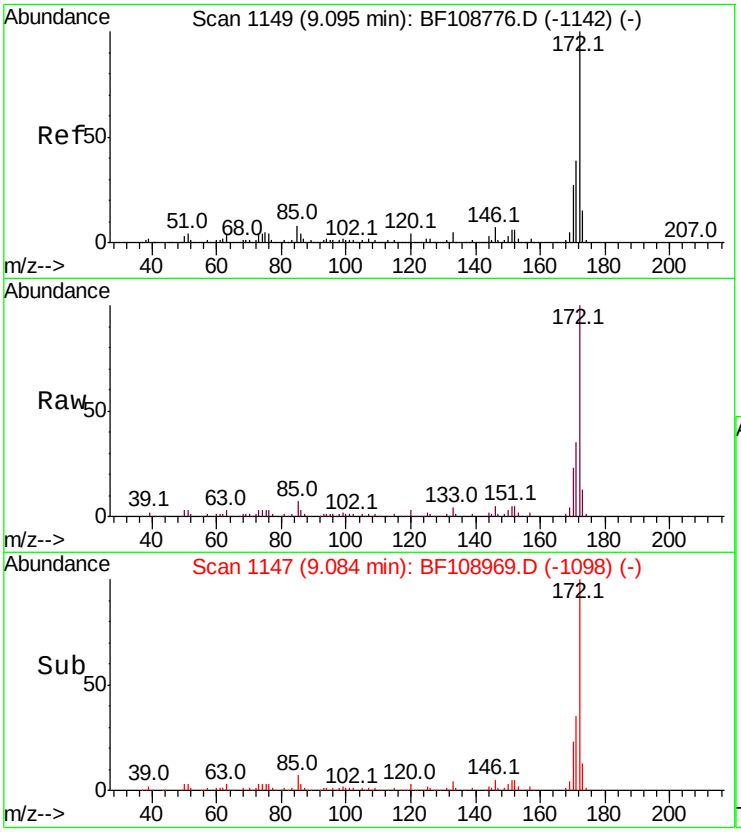


#41
2,4,6-Tribromophenol
Concen: 15.266 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion:330 Resp: 42392

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	32.9	29.9	44.9



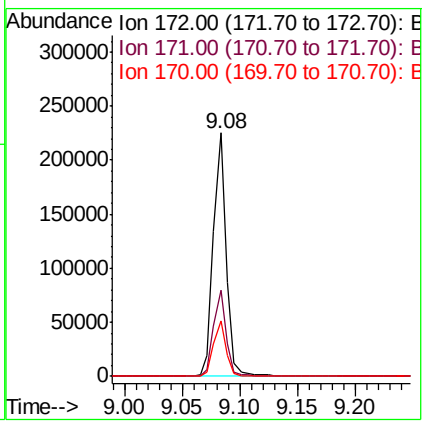


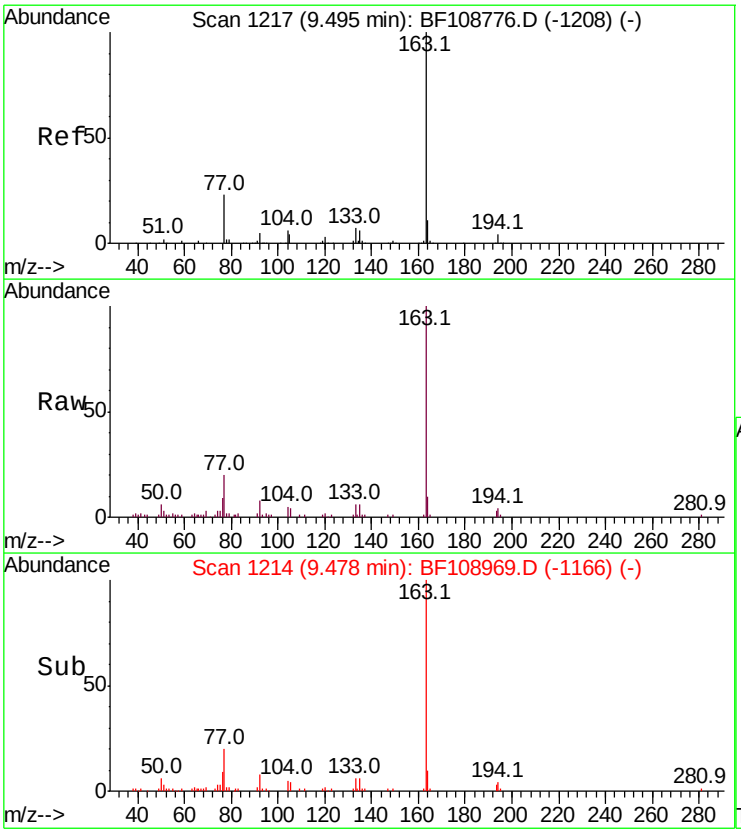
#44
2-Fluorobiphenyl
Concen: 10.246 ng
RT: 9.08 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 174701

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	22.7	19.6	29.4

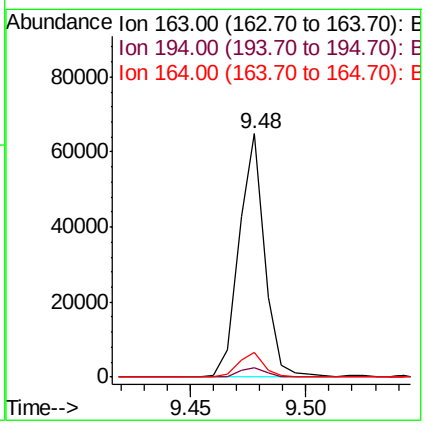


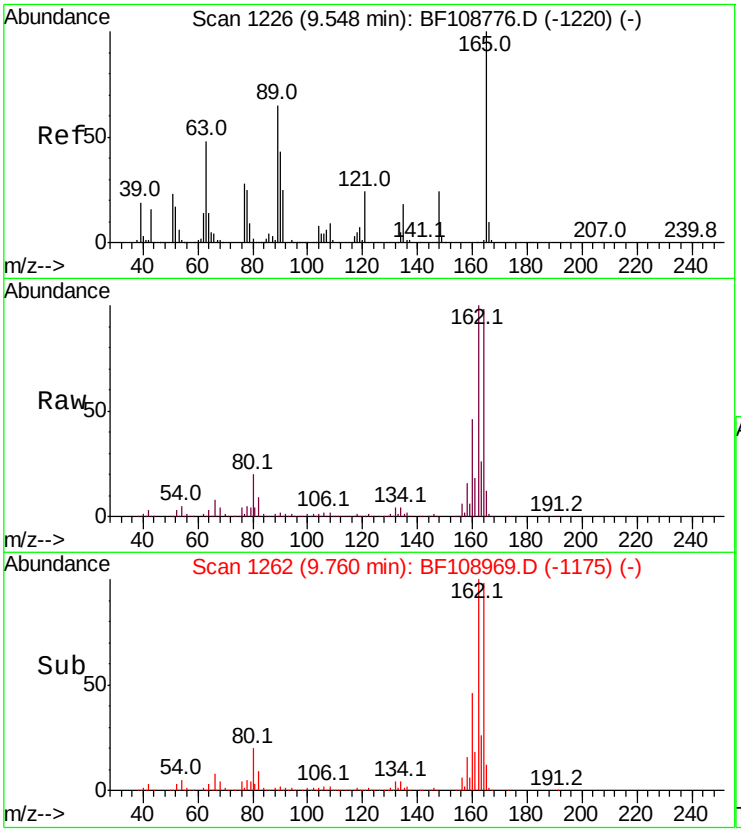


#49
Dimethylphthalate
Concen: 2.464 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion:163 Resp: 50138

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



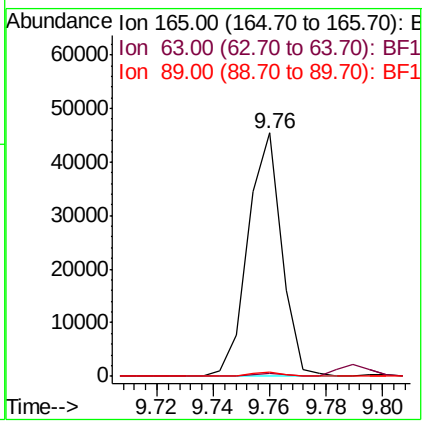


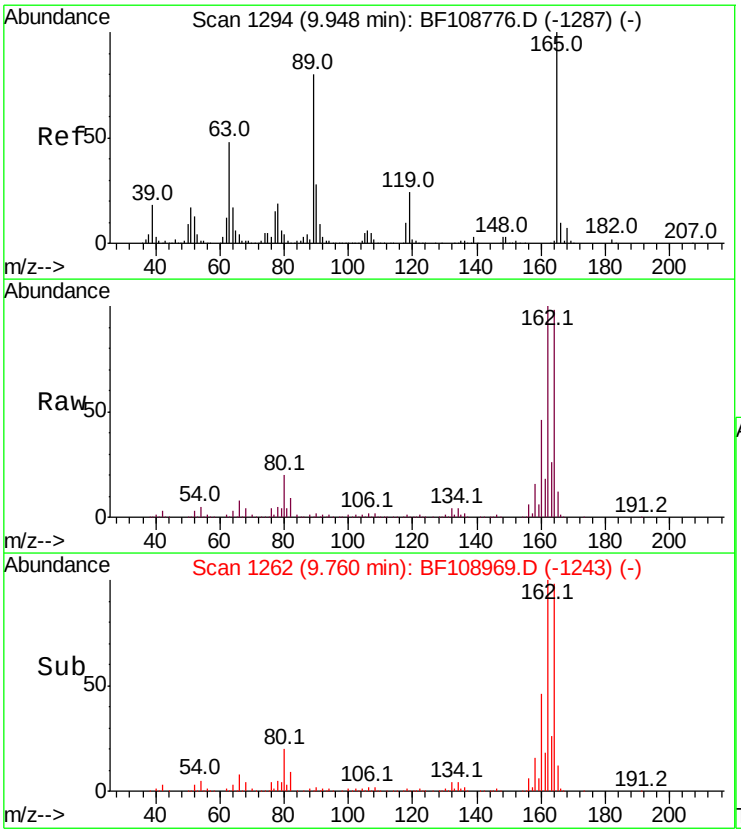
#50
2,6-Dinitrotoluene
Concen: 9.716 ng
RT: 9.76 min Scan# 1262
Delta R.T. 0.21 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37667

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.9	44.0	66.0#

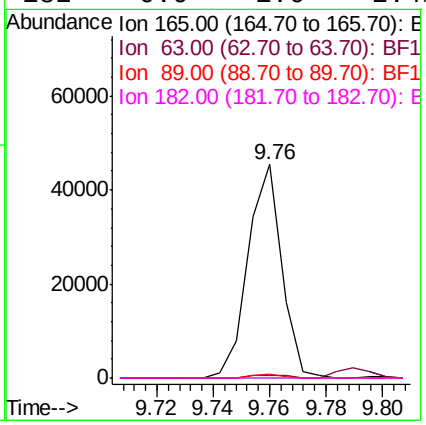


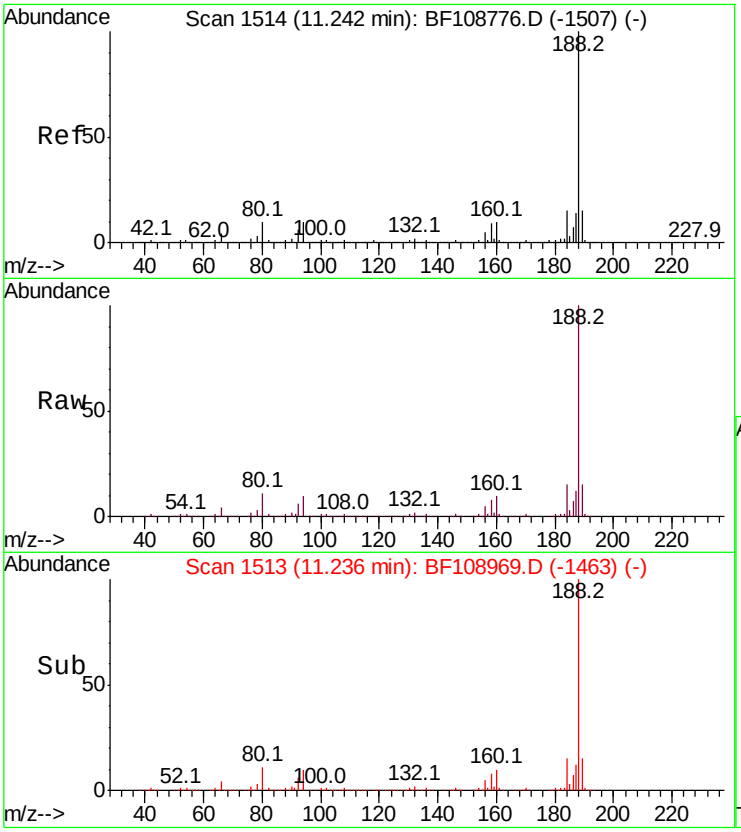


#56
2,4-Dinitrotoluene
Concen: 7.597 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.19 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion:165 Resp: 37667

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



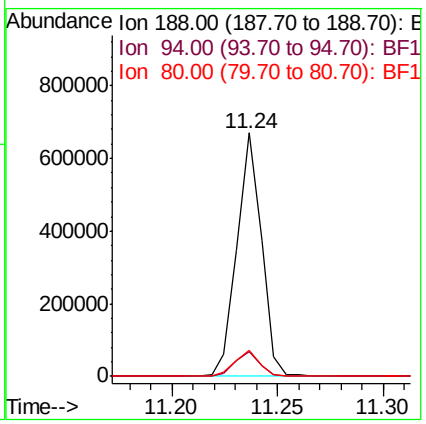


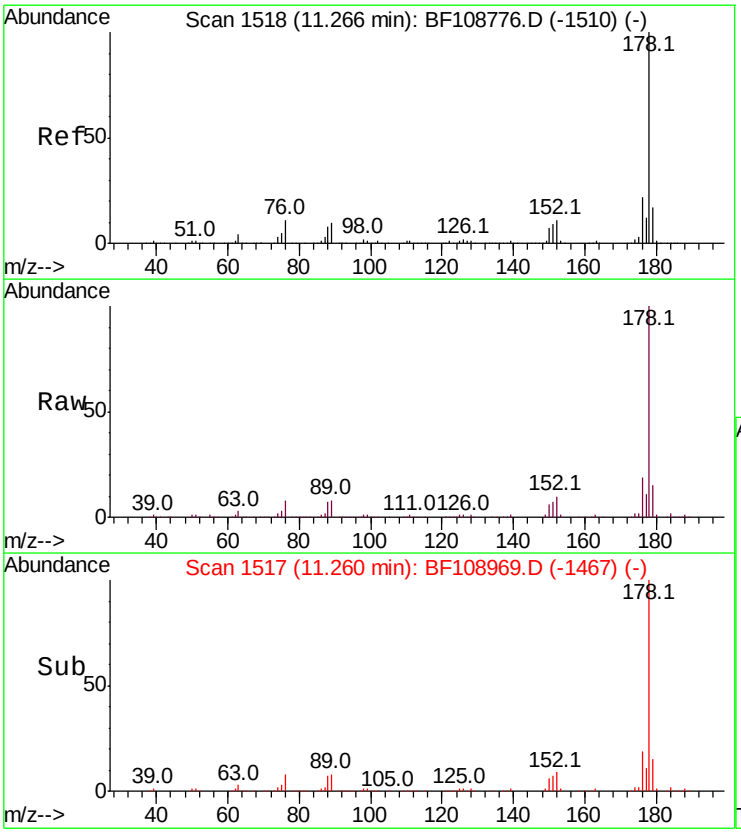
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 537934

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.8	9.2	13.8

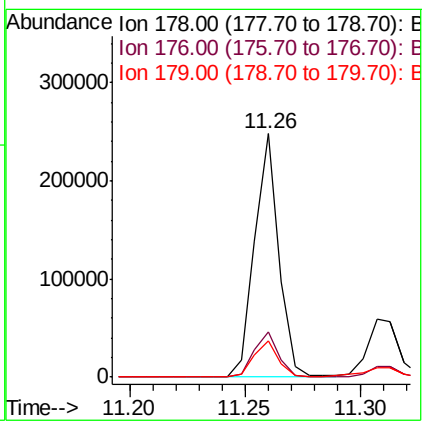


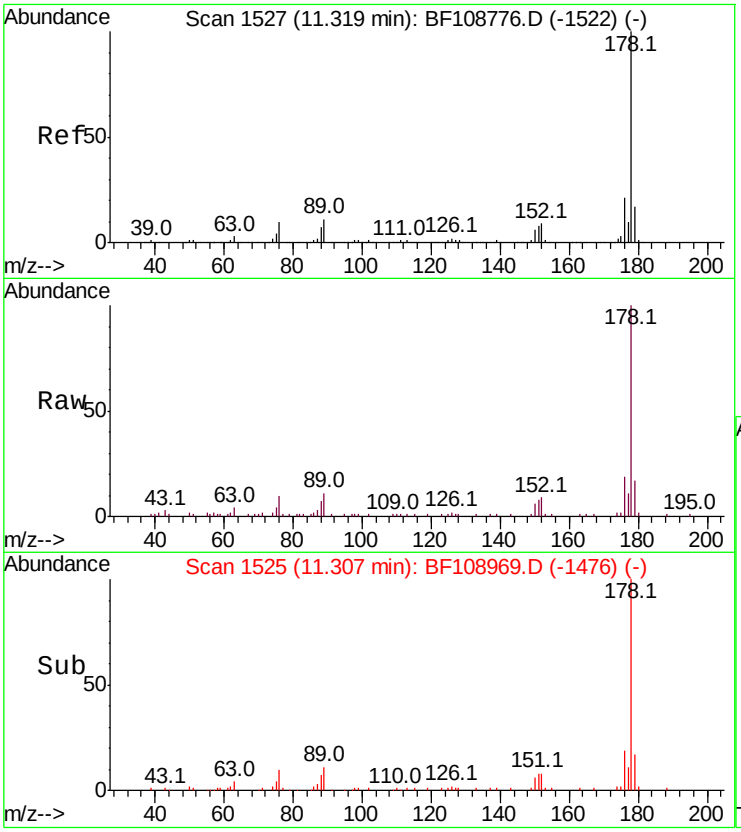


#70
Phenanthrene
Concen: 7.137 ng
RT: 11.26 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion:178 Resp: 183343

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.1	13.0	19.6



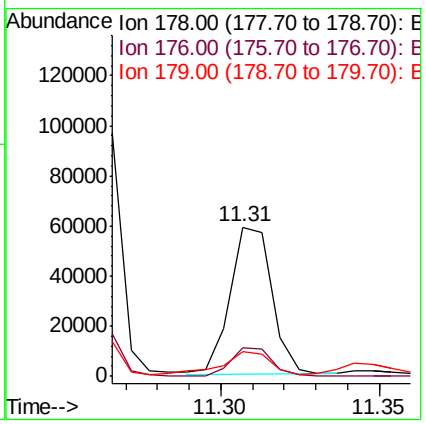


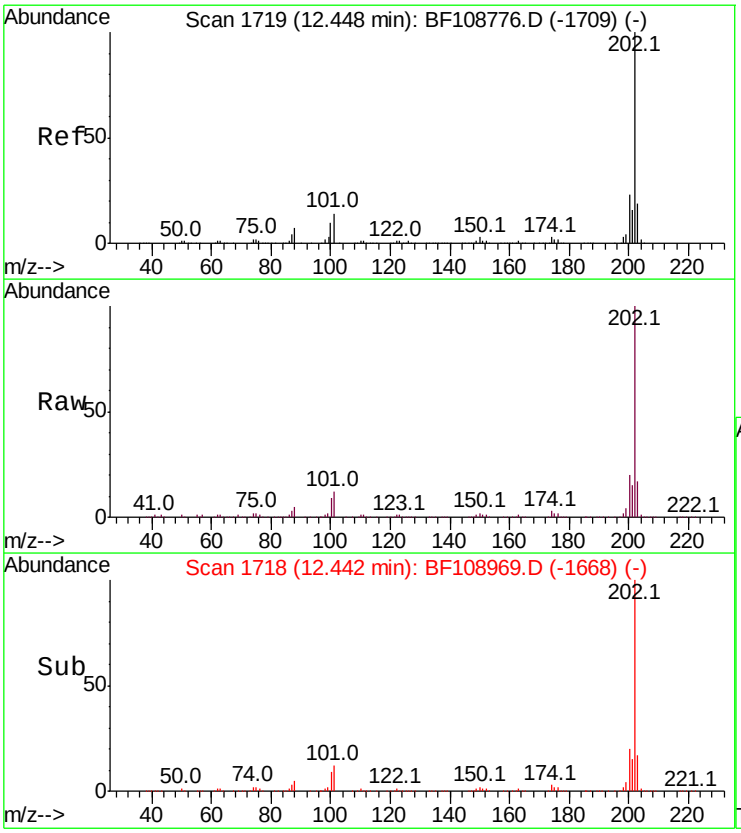
#71
Anthracene
Concen: 2.159 ng
RT: 11.31 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 53103

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.6	12.6	19.0

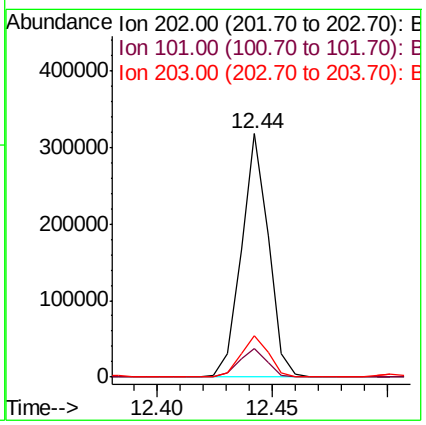


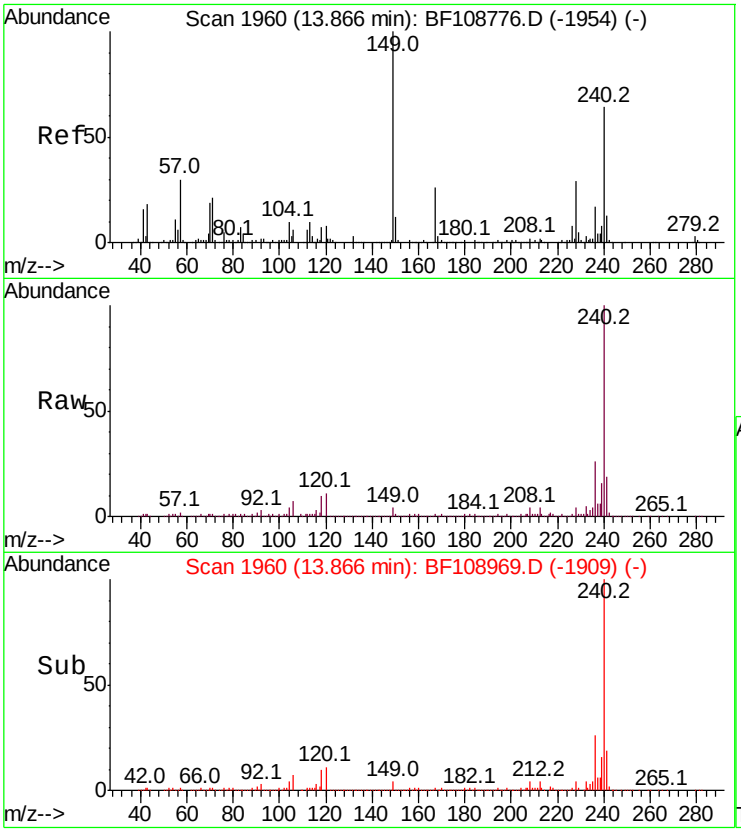


#74
Fluoranthene
Concen: 10.166 ng
RT: 12.44 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion:202 Resp: 258573

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.1	0.0	38.1



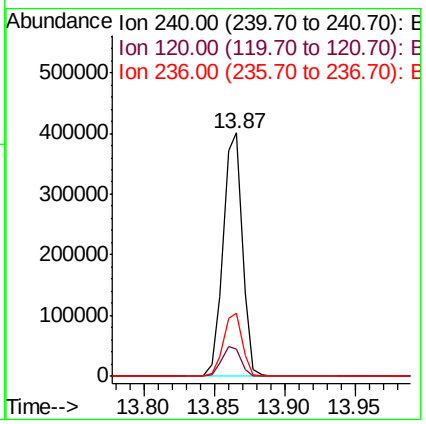


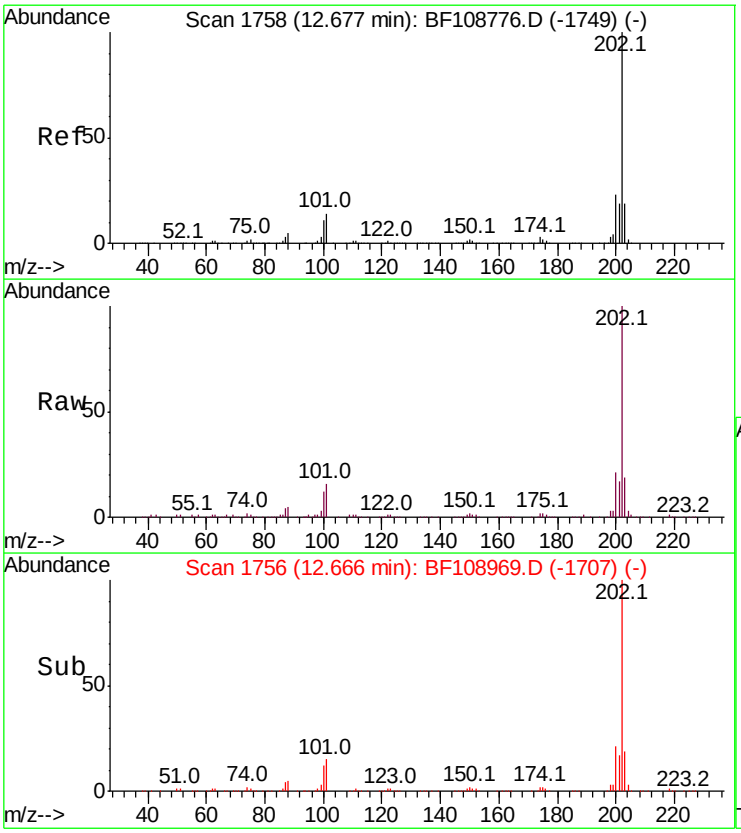
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 382184

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.2	20.7	31.1

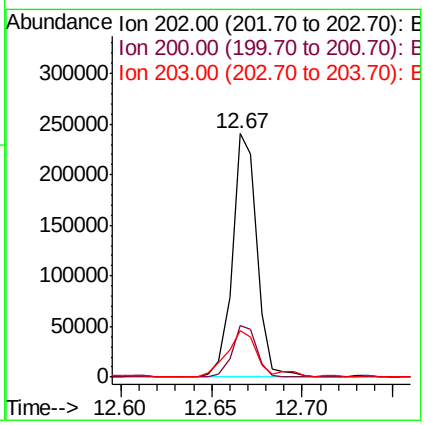


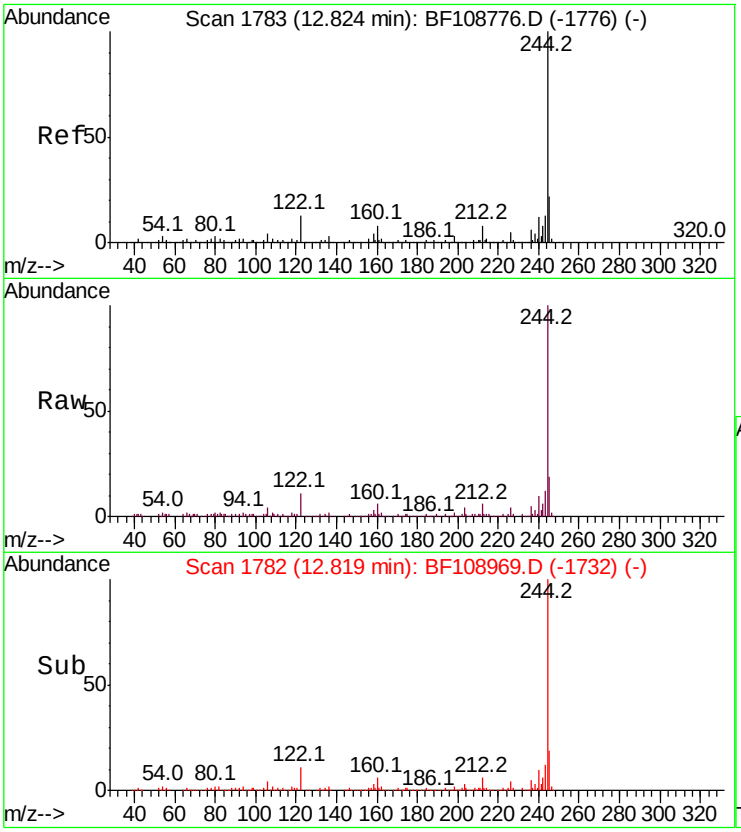


#77
Pyrene
Concen: 7.640 ng
RT: 12.67 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion:202 Resp: 224685

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	19.2	14.3	21.5



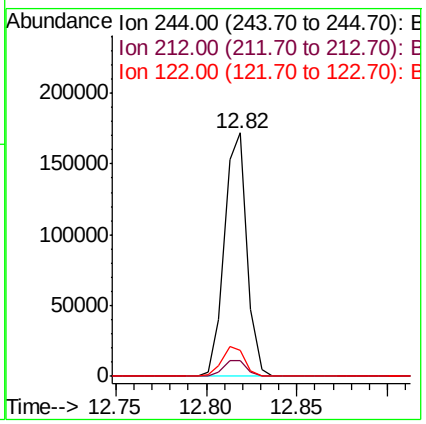


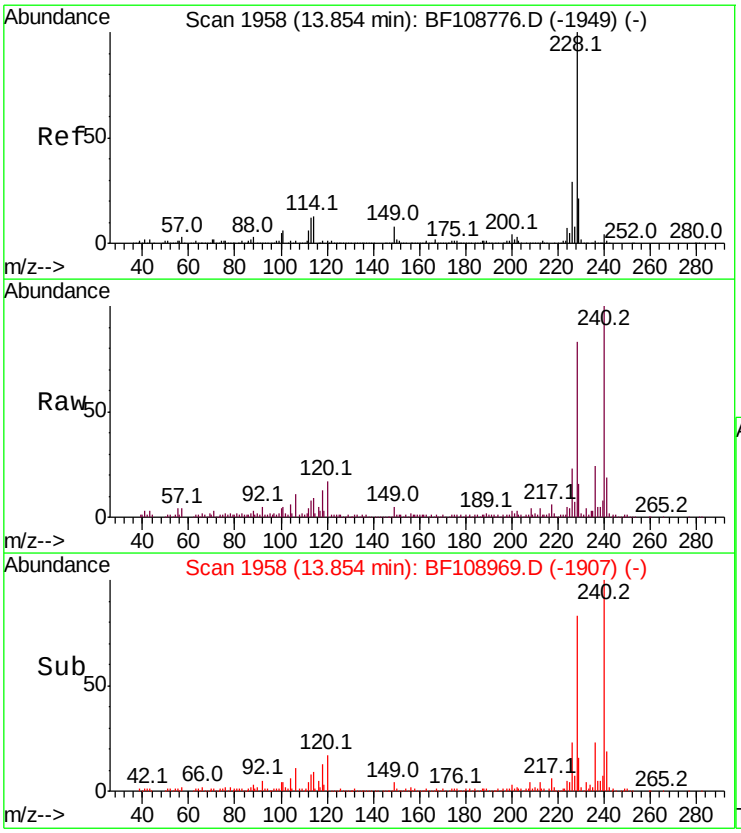
#78
Terphenyl-d14
Concen: 9.085 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 148890

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.6	11.0	16.4#

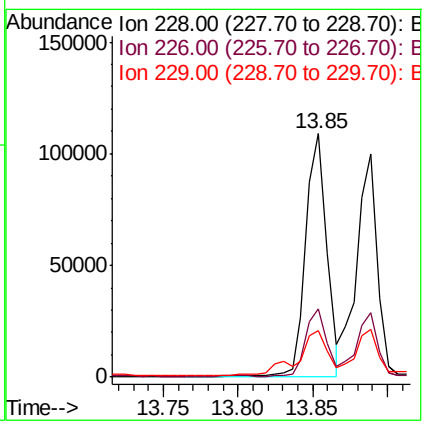


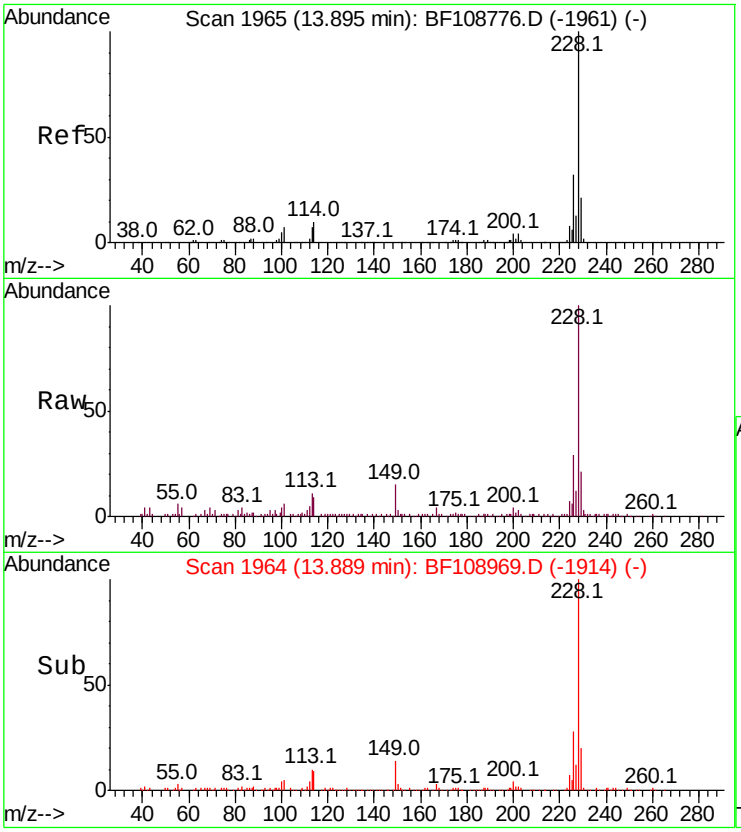


#80
Benzo(a)anthracene
Concen: 4.387 ng
RT: 13.85 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion:228 Resp: 107457

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.2	15.8	23.6



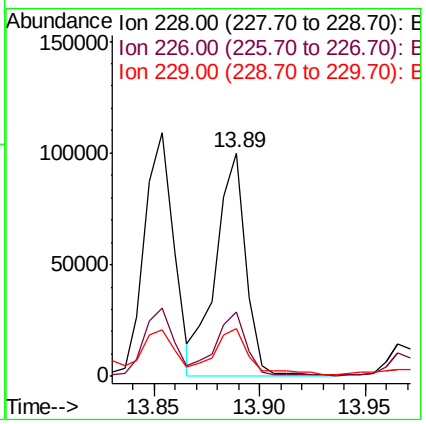


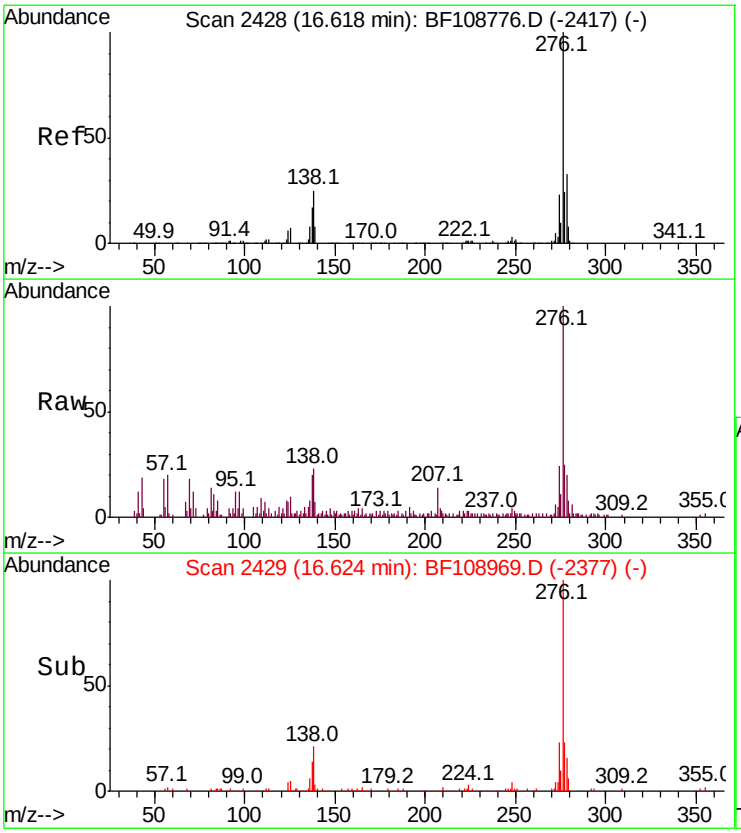
#82
Chrysene
Concen: 4.158 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 98607

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	21.3	16.2	24.4

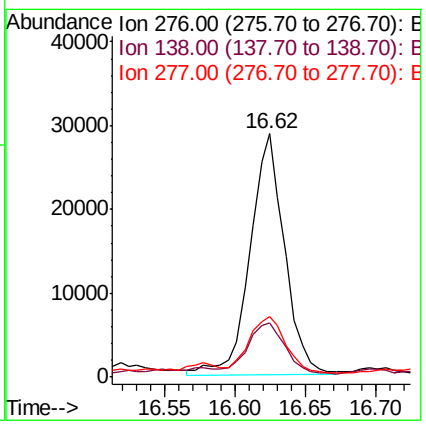


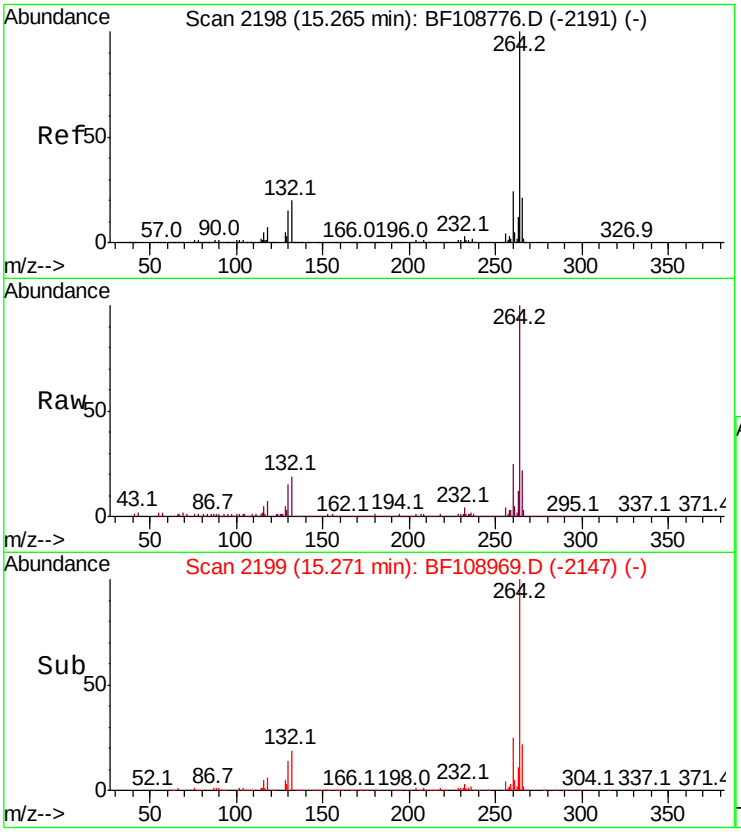


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.374 ng
RT: 16.62 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion:276 Resp: 49826

Ion	Ratio	Lower	Upper
276	100		
138	23.3	25.0	37.6#
277	24.7	20.1	30.1



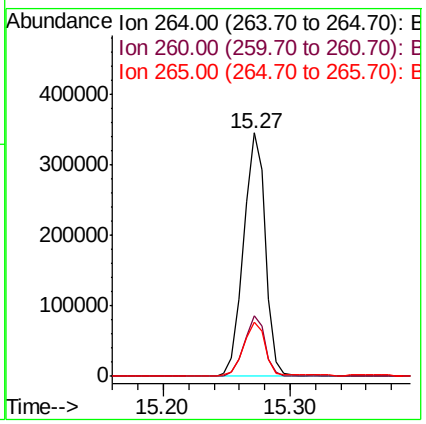


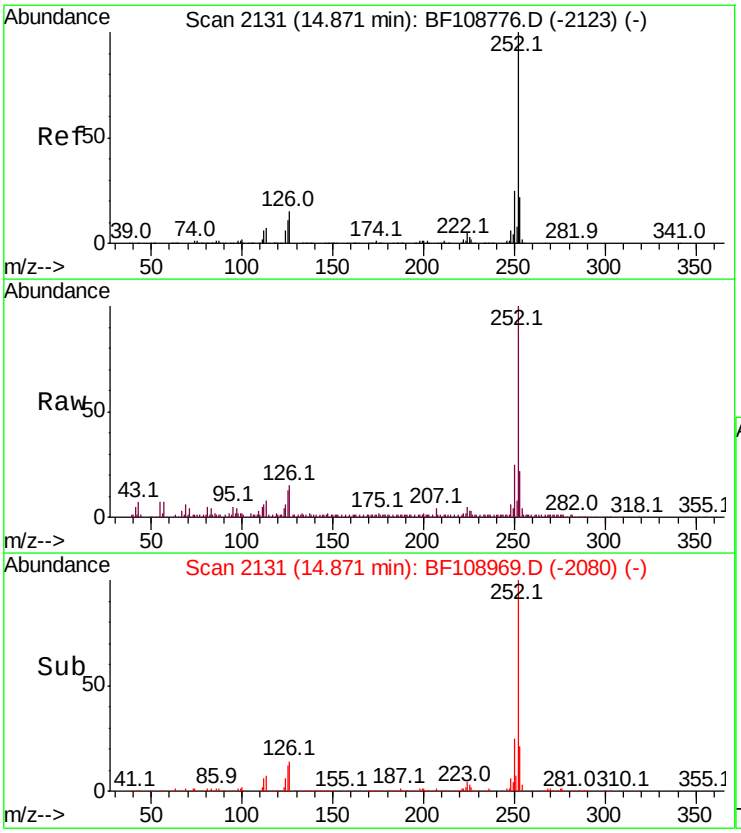
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 412055

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.4	17.5	26.3

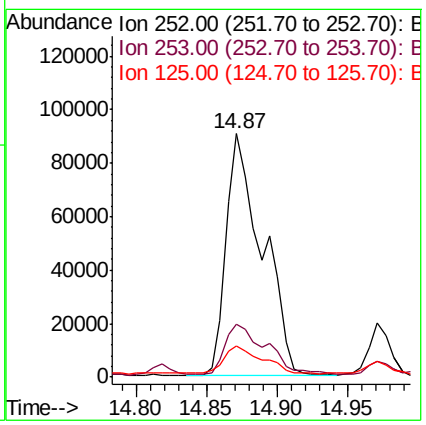


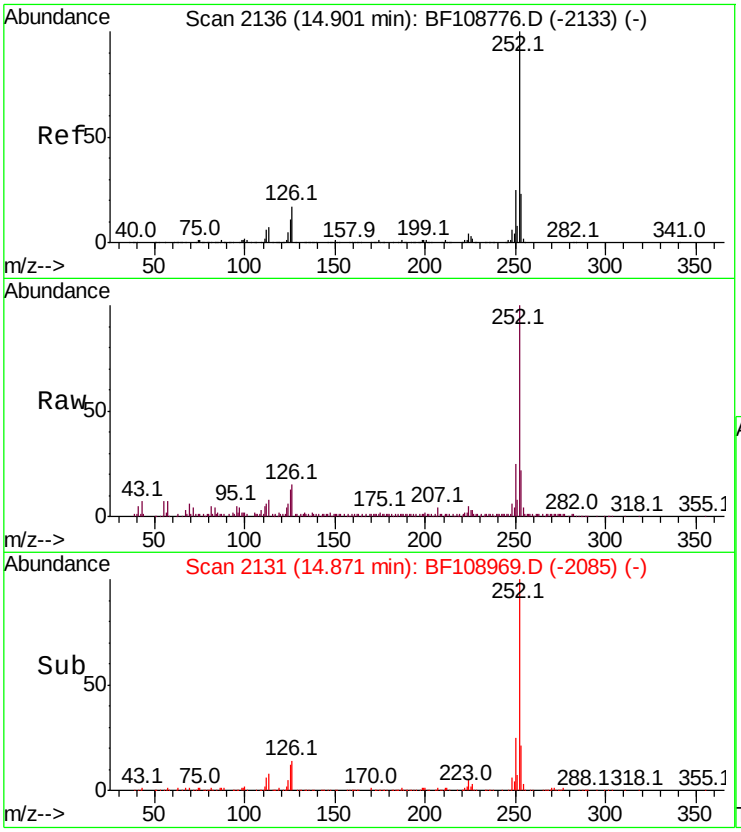


#87
Benzo(b)fluoranthene
Concen: 7.206 ng
RT: 14.87 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion:252 Resp: 161459

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	13.0	9.0	13.6



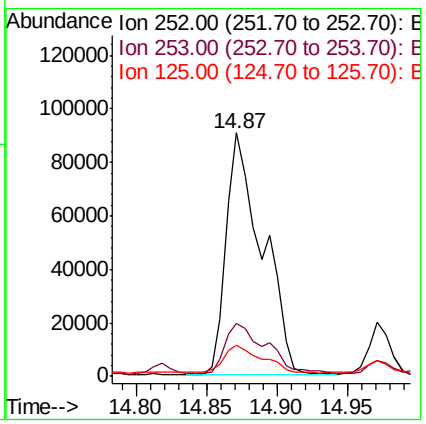


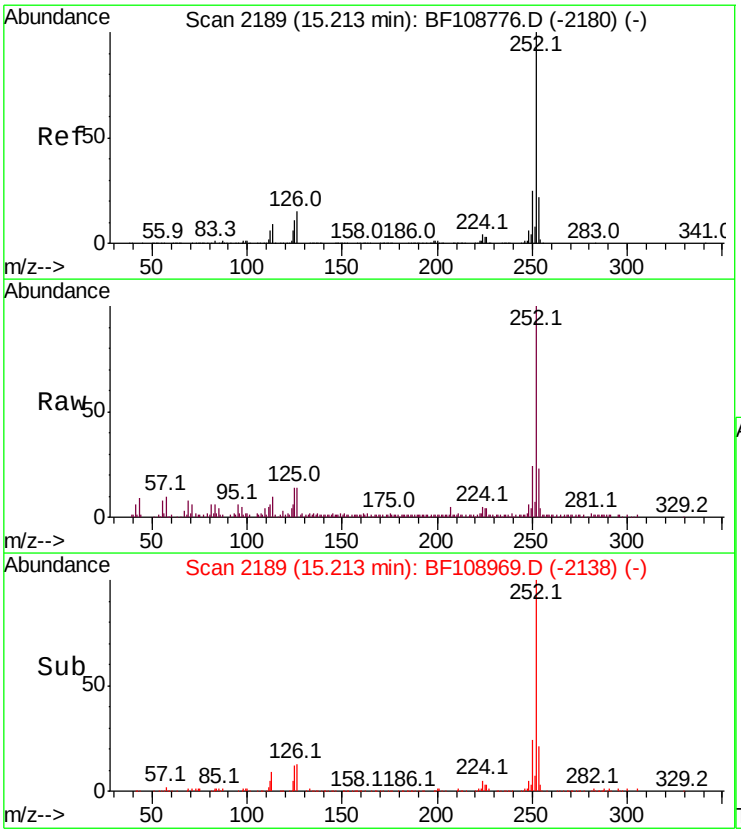
#88
Benzo(k)fluoranthene
Concen: 7.825 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 161459

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.0	10.2	15.2

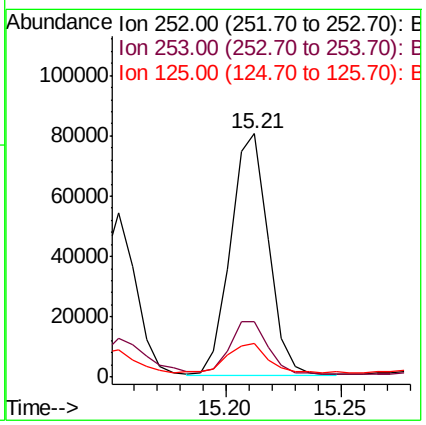


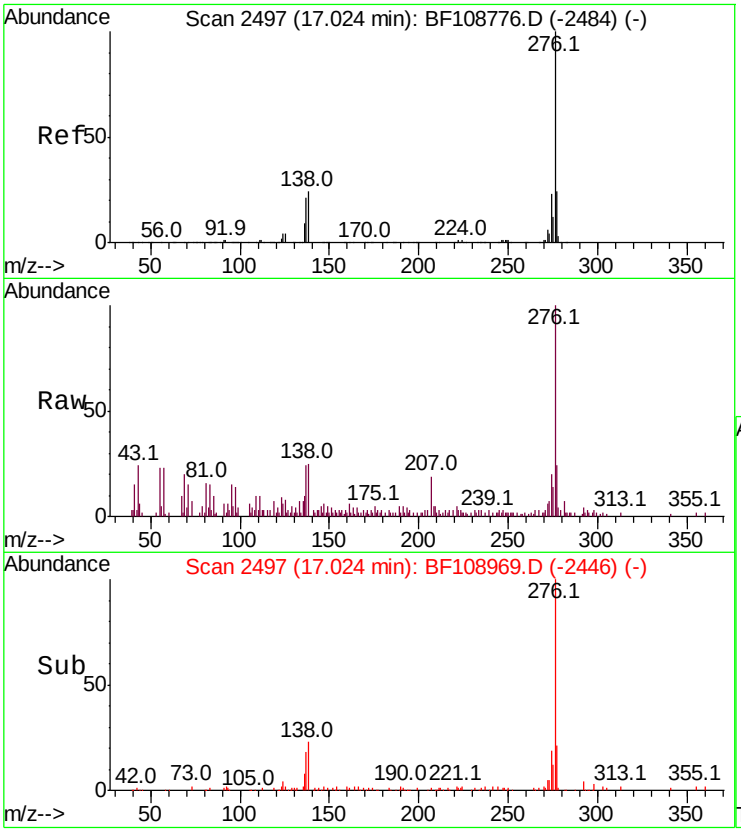


#89
Benzo(a)pyrene
Concen: 4.565 ng
RT: 15.21 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Tgt Ion:252 Resp: 92281

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.551 ng
RT: 17.02 min Scan# 2497
Delta R.T. 0.00 min
Lab File: BF108969.D
Acq: 13 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 45498

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	25.3	21.8	32.8