Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012419\
Data File : BF112225.D
Acq On : 24 Jan 2019 22:46
Operator : JU/SJ
Sample : K1016-03DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-RO-1-012319DL

Quant Time: Jan 25 00:07:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	191664	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	720936	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	285244	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	529683	20.00	ng		0.00
76) Chrysene-d12	14.03	240	335077	20.00	ng		0.00
87) Perylene-d12	15.52	264	260817	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	531438	50.33	ng		0.00
7) Phenol-d6	6.50	99	654954	49.57	ng		0.00
23) Nitrobenzene-d5	7.42	82	371409	35.59	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	139371	45.29	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	750493	38.57	ng		0.00
79) Terphenyl-d14	12.97	244	627577	39.84	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	1271	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.42	70	48384	6.011	ng	#	75
25) Isophorone	7.42	82	371404	18.427	ng	#	63
50) Dimethylphthalate	9.60	163	51888	2.494	ng		100
51) 2,6-Dinitrotoluene	9.90	165	38899	9.364	ng	#	34
52) Acenaphthene	9.93	154	48614	2.916	ng		98
54) 2,4-Dinitrophenol	9.93	184	550	8.420	ng	#	1
55) Dibenzofuran	10.10	168	84550	3.354	ng		99
56) 4-Nitrophenol	10.10	139	33359	14.992	ng	#	14
57) 2,4-Dinitrotoluene	9.90	165	38899	11.180	ng	#	32
58) Fluorene	10.45	166	139487	7.406	ng		100
65) 4,6-Dinitro-2-methylphenol	10.69	198	275	10.168	ng	#	1
71) Phenanthrene	11.42	178	1254588	47.065	ng		99
72) Anthracene	11.46	178	404545	14.981	ng		98
75) Fluoranthene	12.62	202	1572947	55.887	ng		98
78) Pyrene	12.84	202	1242681	56.212	ng		99
81) Benzo(a)anthracene	14.03	228	477660	24.862	ng		100
83) Chrysene	14.06	228	389488	21.425	ng		97
86) Indeno(1,2,3-cd)pyrene	17.02	276	130670	7.791	ng	#	89
88) Benzo(b)fluoranthene	15.09	252	519672	35.101	ng		97
89) Benzo(k)fluoranthene	15.09	252	519672	36.266	ng		98
90) Benzo(a)pyrene	15.45	252	261677	19.273	ng		96
91) Dibenzo(a,h)anthracene	17.02	278	31696	2.628	ng	#	75
92) Benzo(g,h,i)perylene	17.46	276	123547	10.399	ng		95

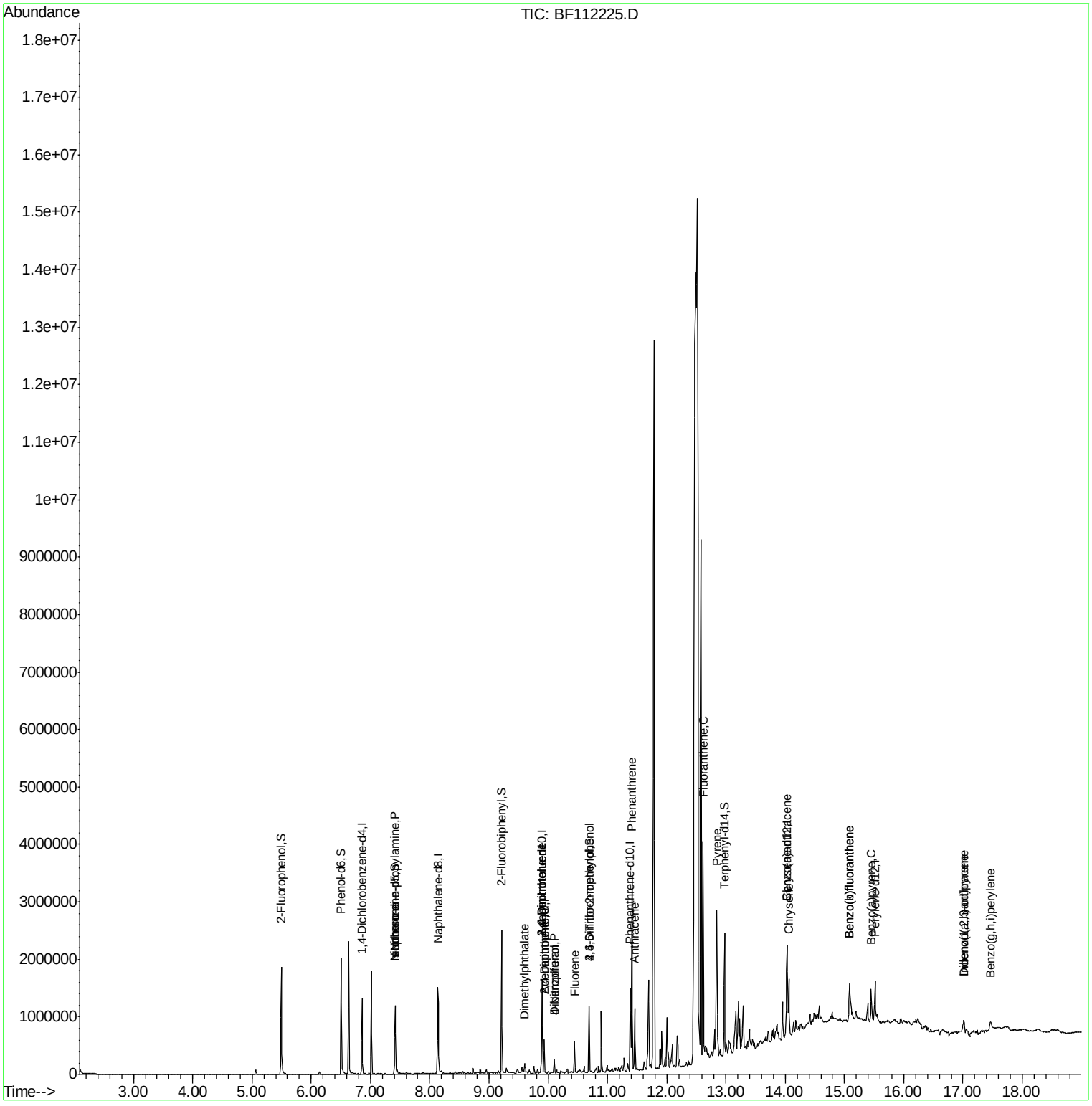
(#) = qualifier out of range (m) = manual integration (+) = signals summed

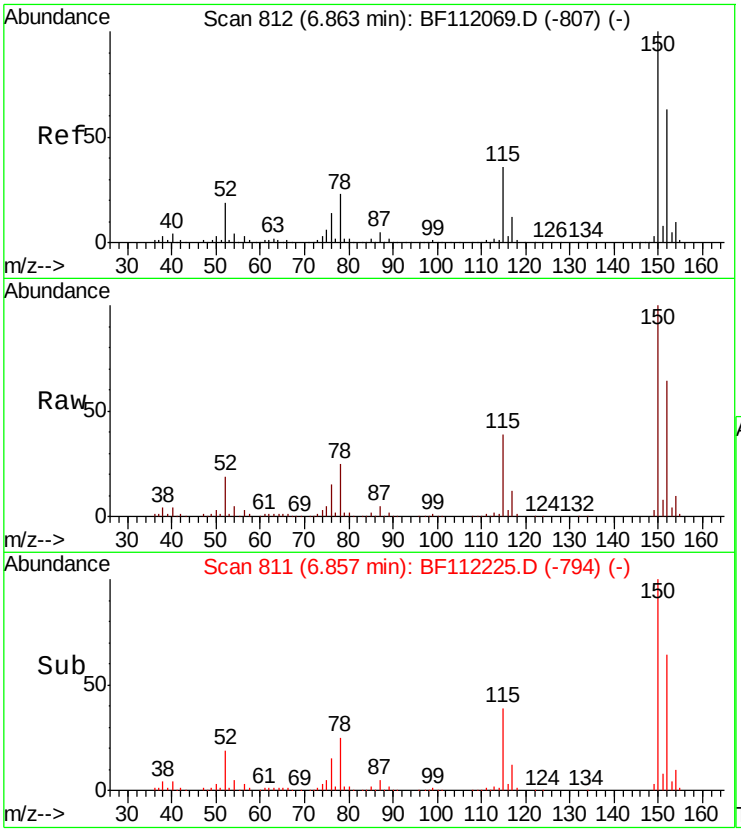
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012419\
Data File : BF112225.D
Acq On : 24 Jan 2019 22:46
Operator : JU/SJ
Sample : K1016-03DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Quant Time: Jan 25 00:07:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration



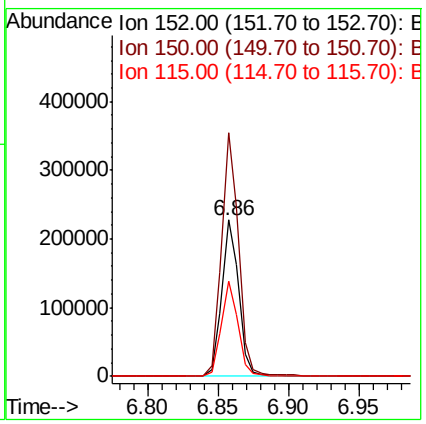


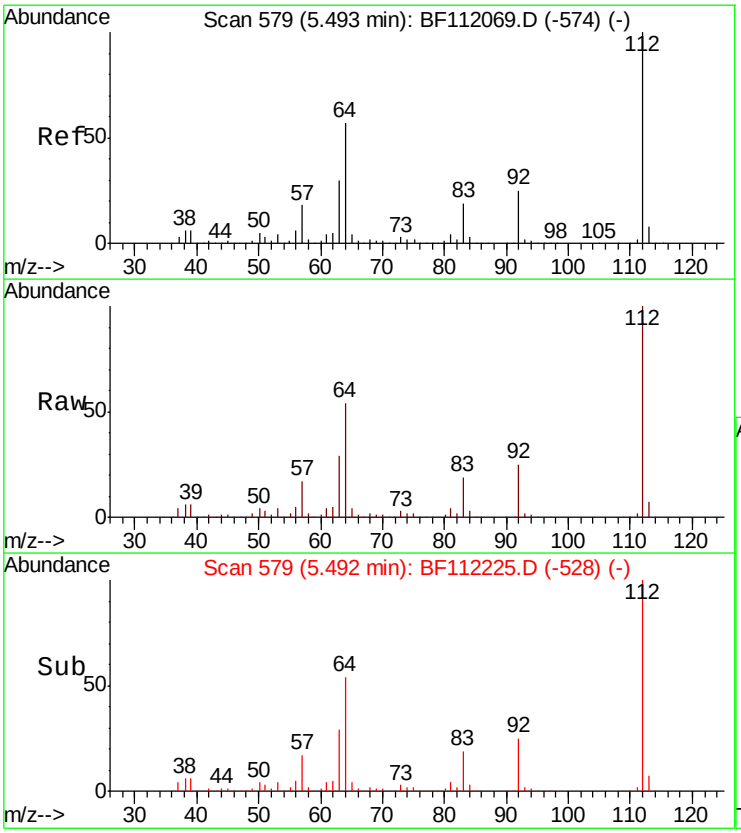
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:152 Resp: 191664

Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.4	191.0
115	61.1	45.5	68.3

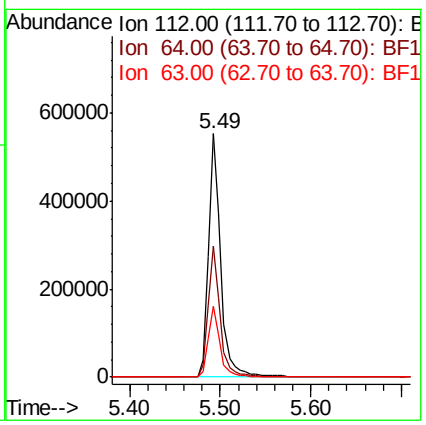


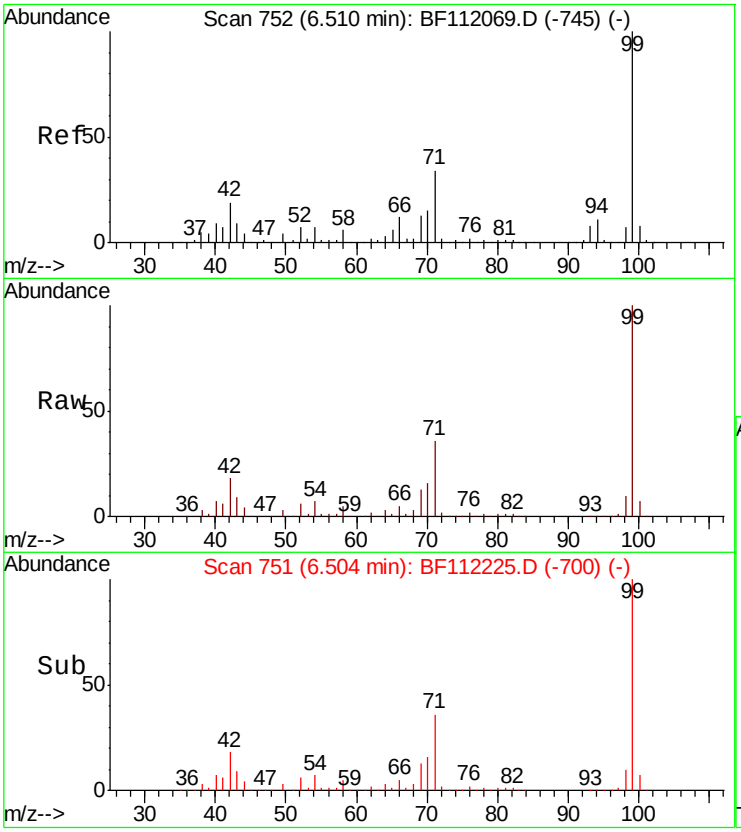


#5
2-Fluorophenol
Concen: 50.327 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:112 Resp: 531438

Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.7	68.5
63	29.3	23.6	35.4



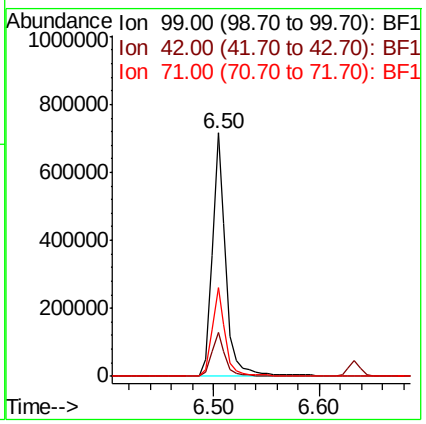


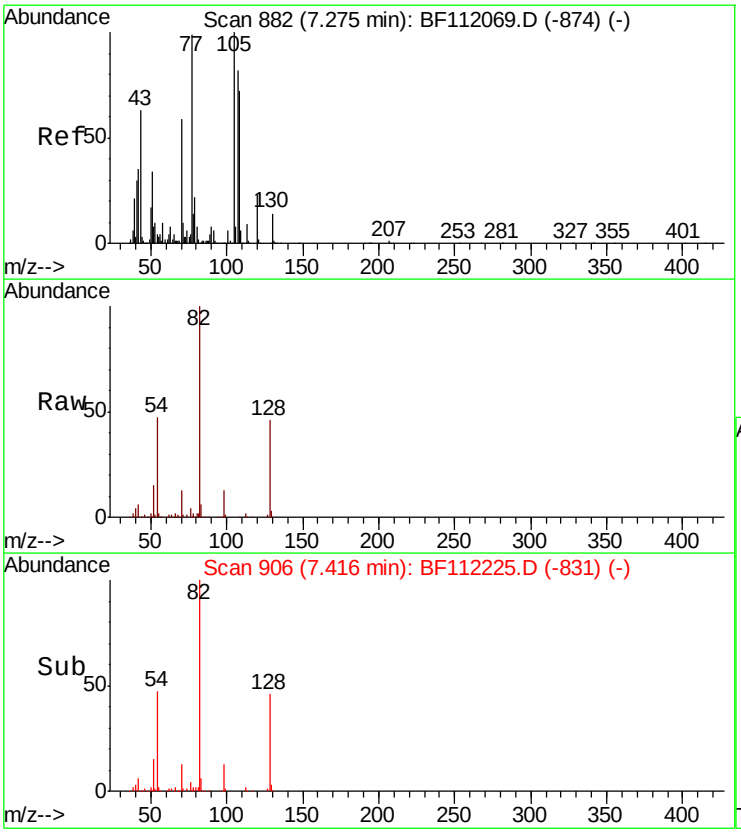
#7
Phenol-d6
Concen: 49.573 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion: 99 Resp: 654954

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.1	22.7
71	36.2	26.9	40.3

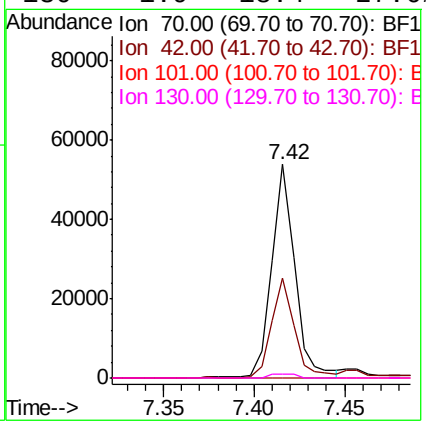


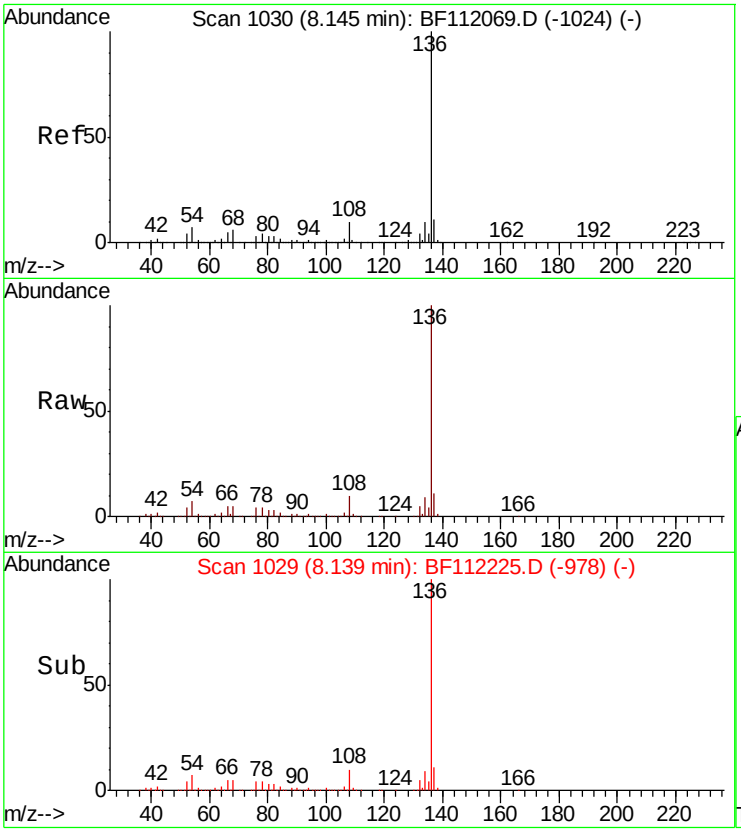


#19
n-Nitroso-di-n-propylamine
Concen: 6.011 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion: 70 Resp: 48384

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.6	71.4#
101	0.0	7.9	11.9#
130	1.9	18.4	27.6#



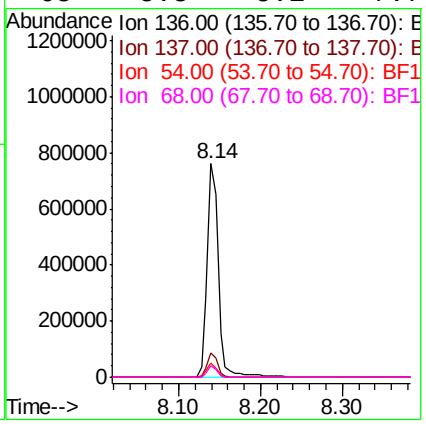


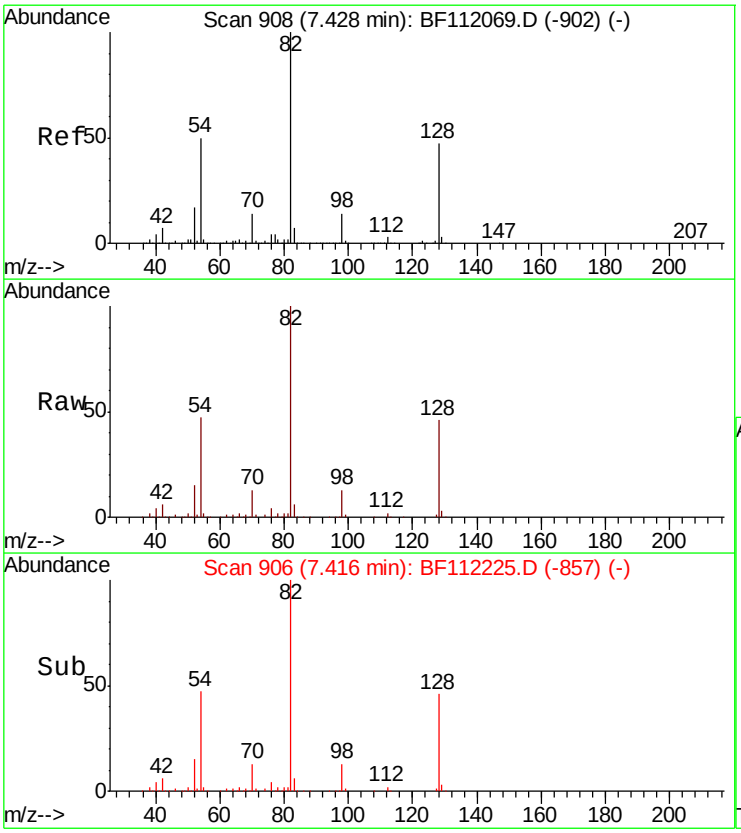
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:136 Resp: 720936

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.8	5.9	8.9
68	5.3	5.1	7.7

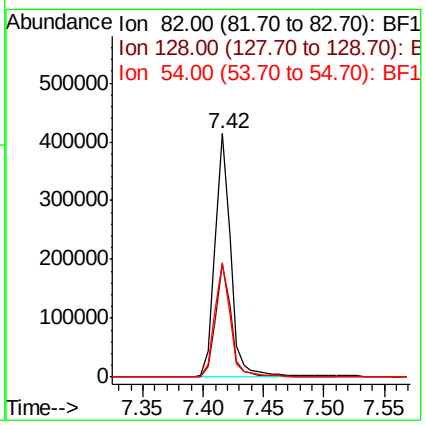


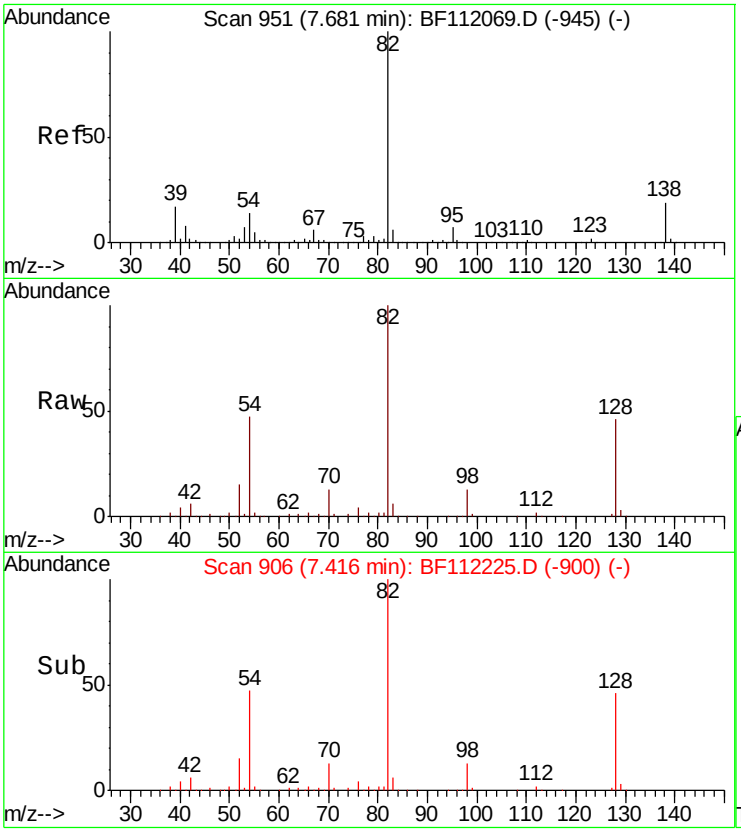


#23
Nitrobenzene-d5
Concen: 35.593 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion: 82 Resp: 371409

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.8	56.8
54	47.0	39.7	59.5



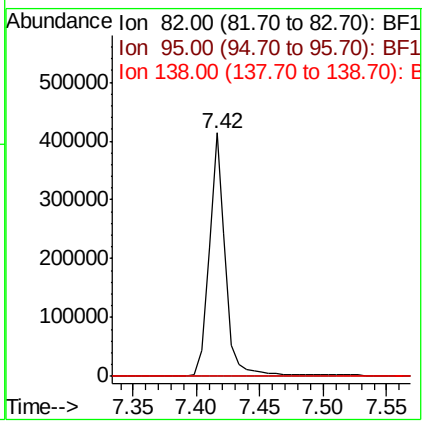


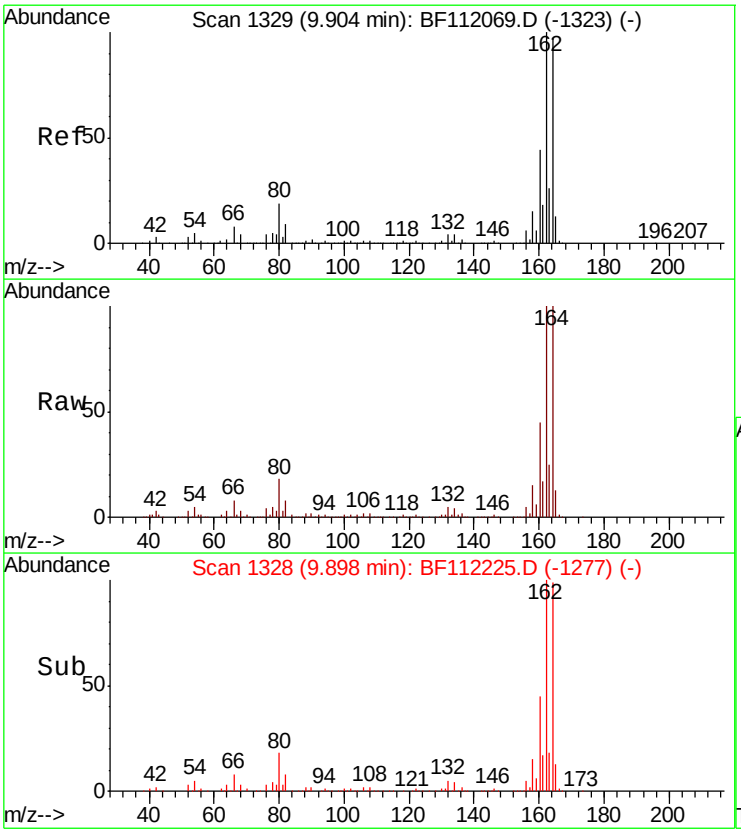
#25
Isophorone
Concen: 18.427 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion: 82 Resp: 371404

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

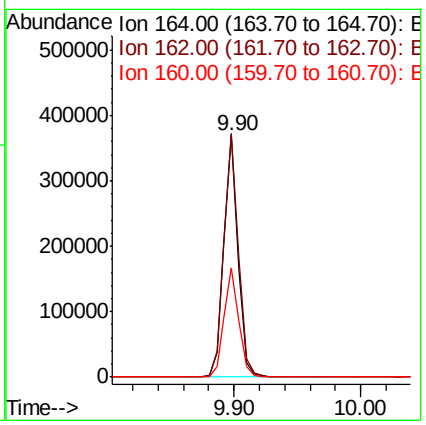


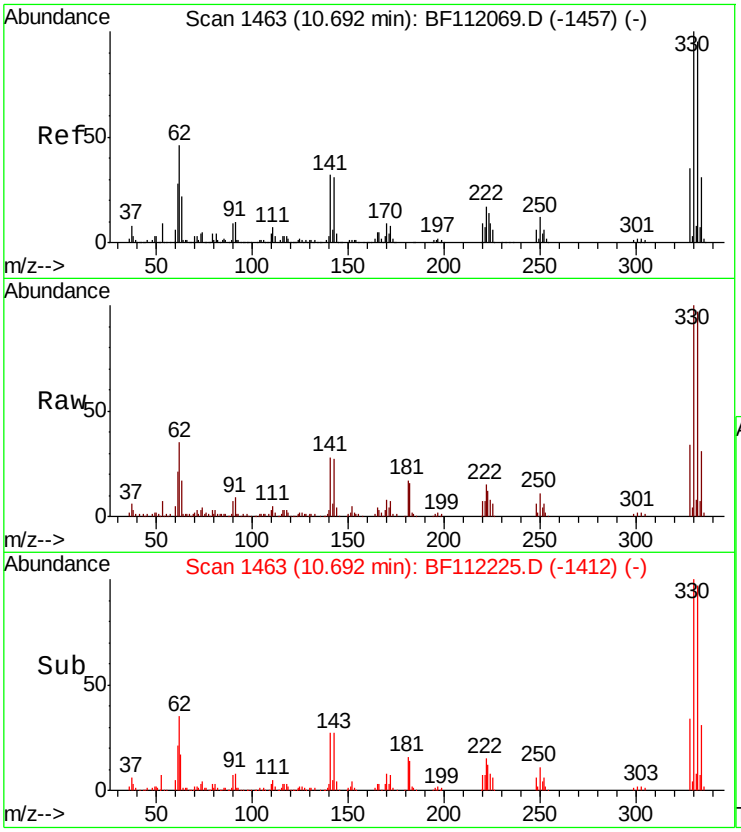


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:164 Resp: 285244

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.2	123.4
160	44.9	36.2	54.4



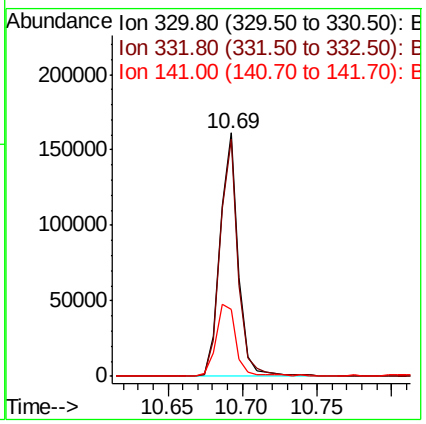


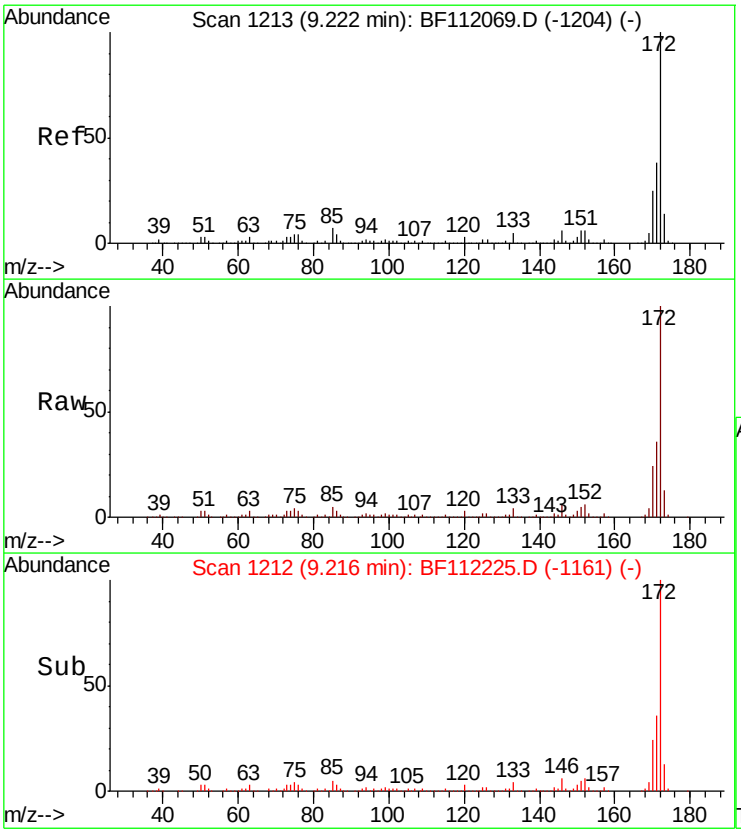
#42
2,4,6-Tribromophenol
Concen: 45.292 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:330 Resp: 139371

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	31.9	24.3	36.5

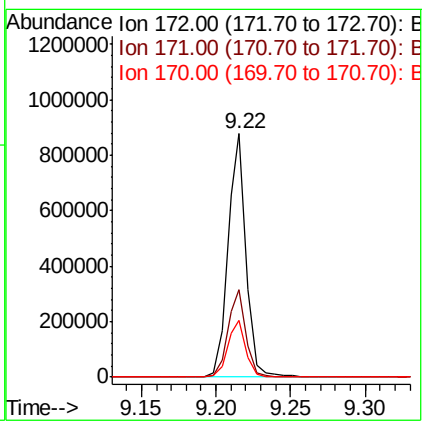


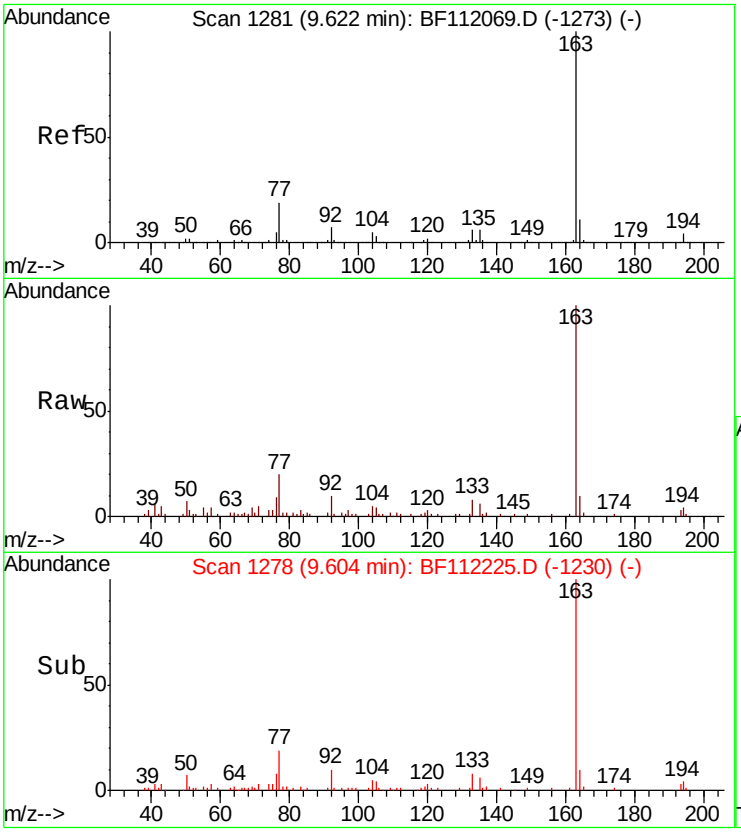


#45
2-Fluorobiphenyl
Concen: 38.574 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:172 Resp: 750493

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.6	20.2	30.4



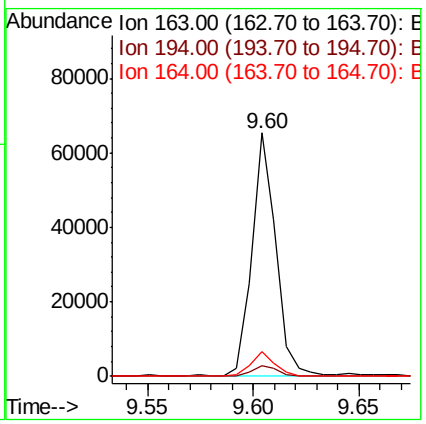


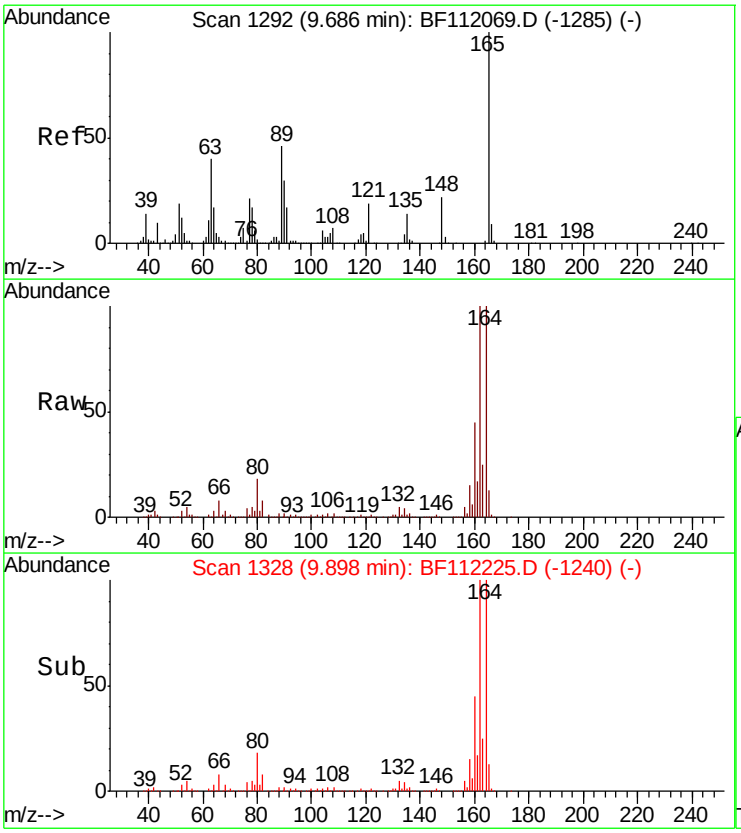
#50
Dimethylphthalate
Concen: 2.494 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:163 Resp: 51888

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.4	8.5	12.7

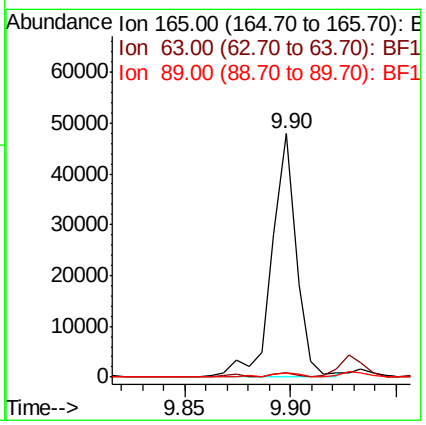


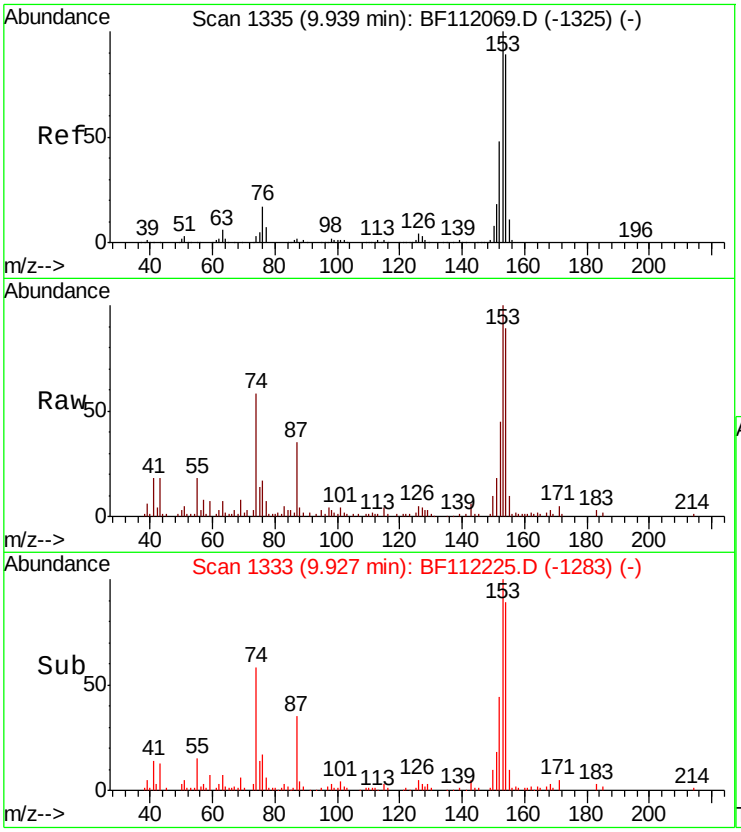


#51
2,6-Dinitrotoluene
Concen: 9.364 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.22 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:165 Resp: 38899

Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.8	50.8#
89	1.5	36.9	55.3#



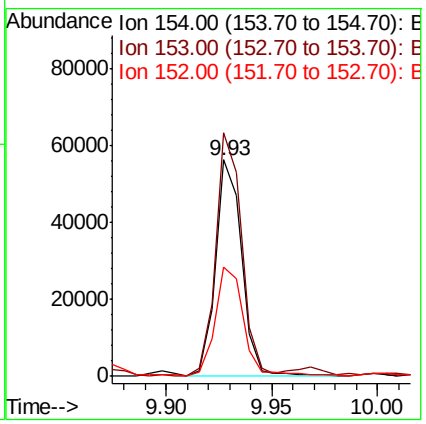


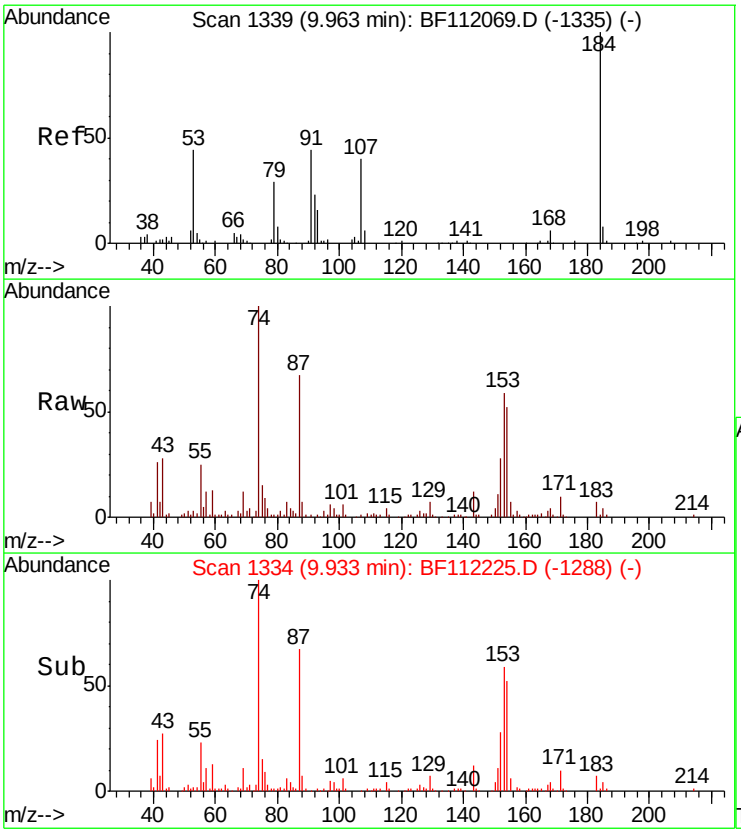
#52
Acenaphthene
Concen: 2.916 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:154 Resp: 48614

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.8	134.6
152	50.1	43.5	65.3

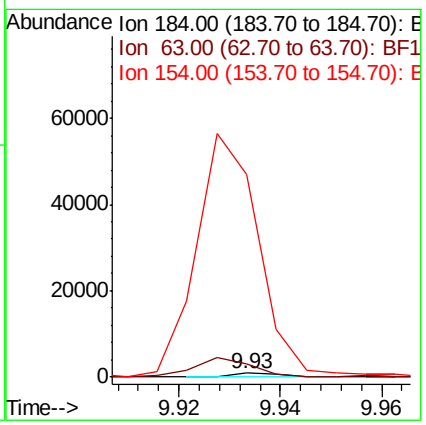


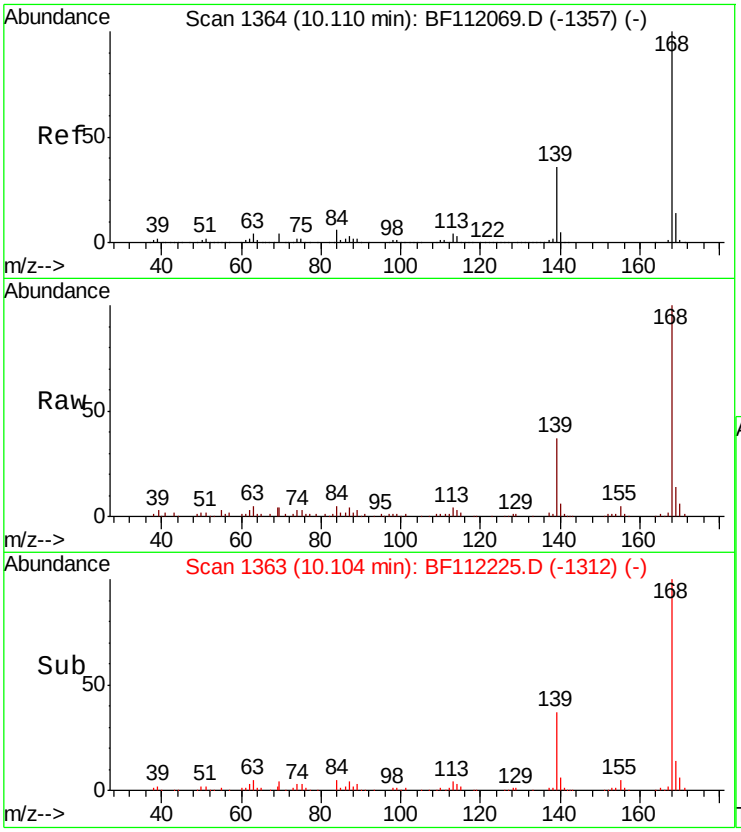


#54
2,4-Dinitrophenol
Concen: 8.420 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:184 Resp: 550

Ion	Ratio	Lower	Upper
184	100		
63	303.3	47.1	70.7#
154	4870.4	48.9	73.3#



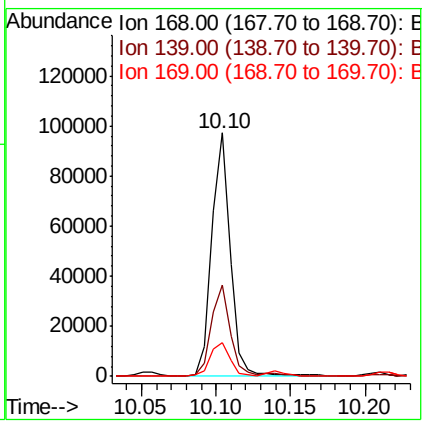


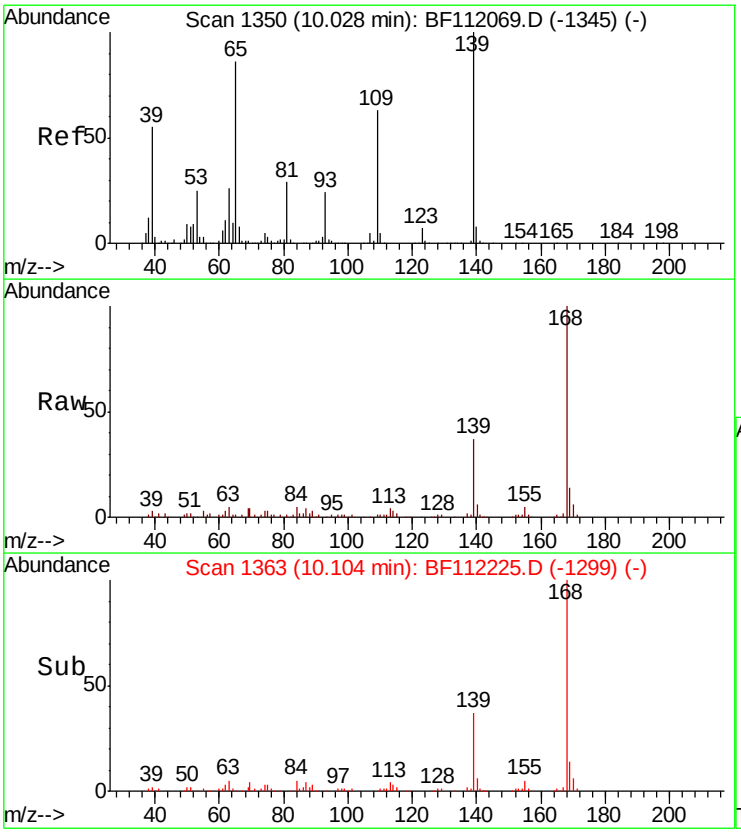
#55
Dibenzofuran
Concen: 3.354 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:168 Resp: 84550

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.2	43.8
169	13.8	11.4	17.0

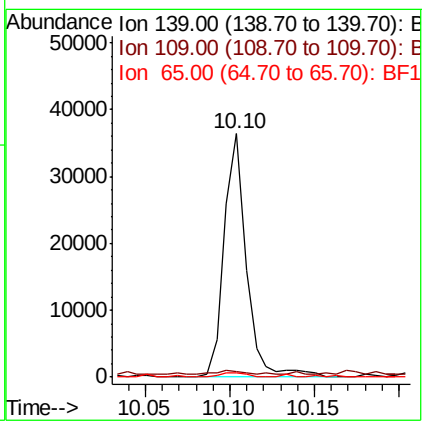


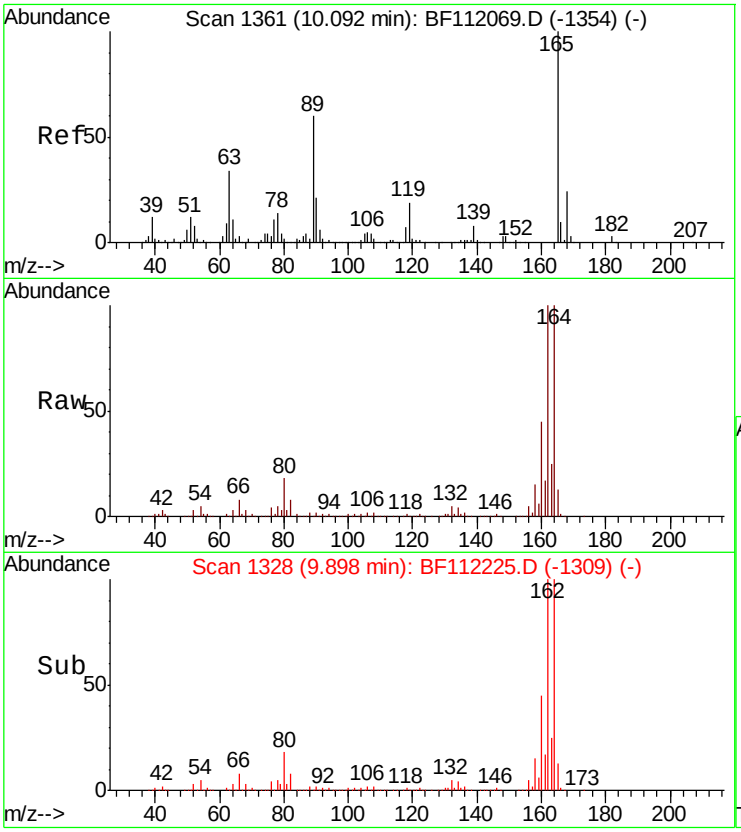


#56
4-Nitrophenol
Concen: 14.992 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:139 Resp: 33359

Ion	Ratio	Lower	Upper
139	100		
109	2.4	42.8	82.8#
65	1.8	66.1	106.1#



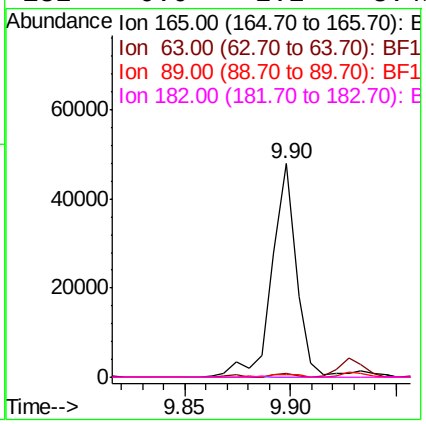


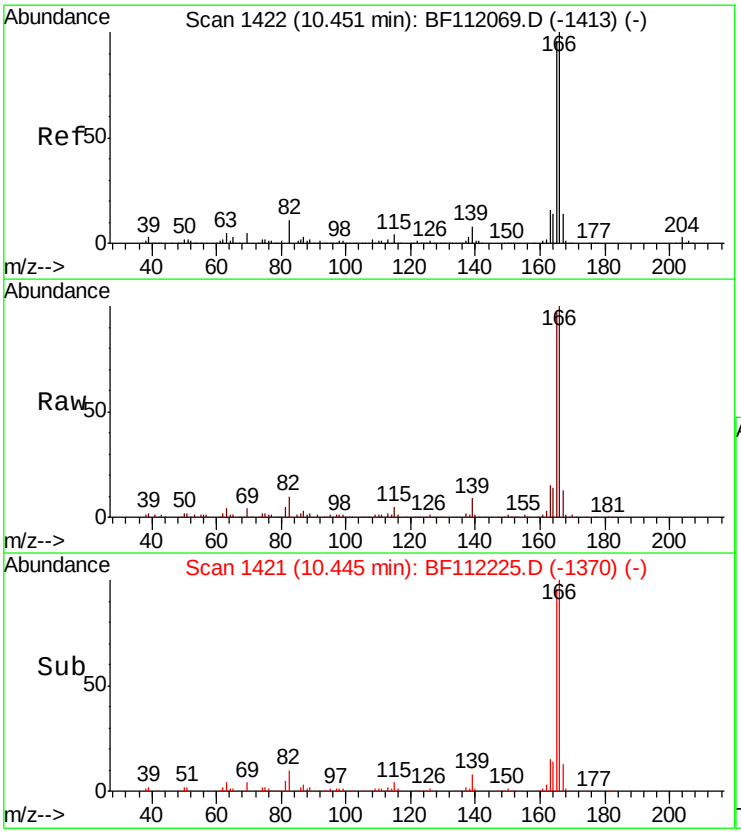
#57
2,4-Dinitrotoluene
Concen: 11.180 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:165 Resp: 38899

Ion	Ratio	Lower	Upper
165	100		
63	1.8	27.9	41.9#
89	1.5	47.9	71.9#
182	0.0	2.2	3.4#

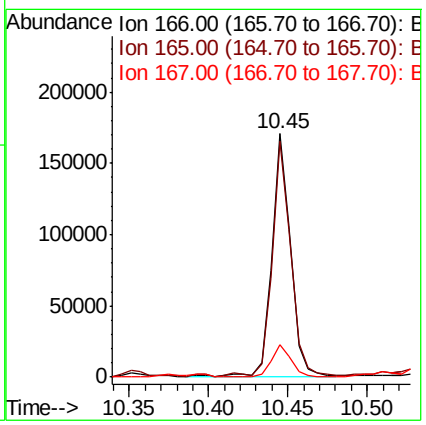


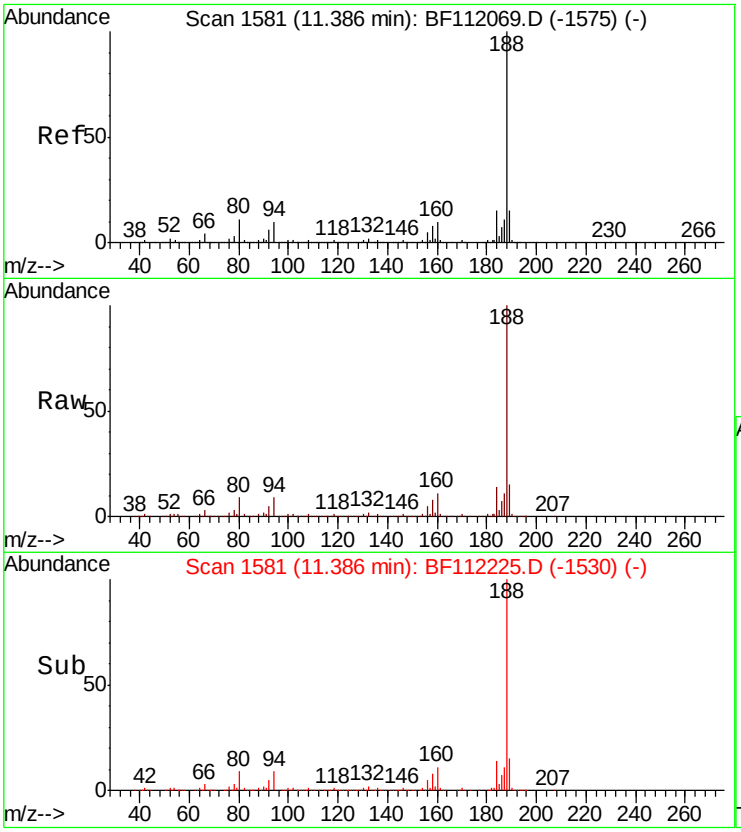


#58
Fluorene
Concen: 7.406 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:166 Resp: 139487

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.1	115.7
167	13.3	11.3	16.9



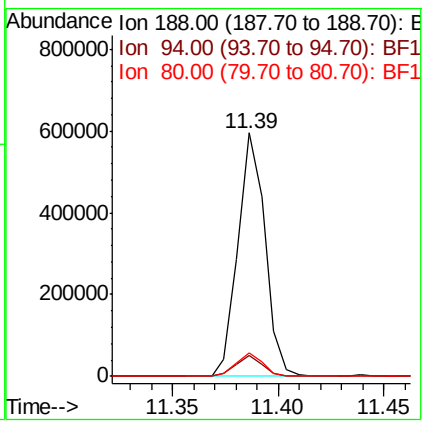


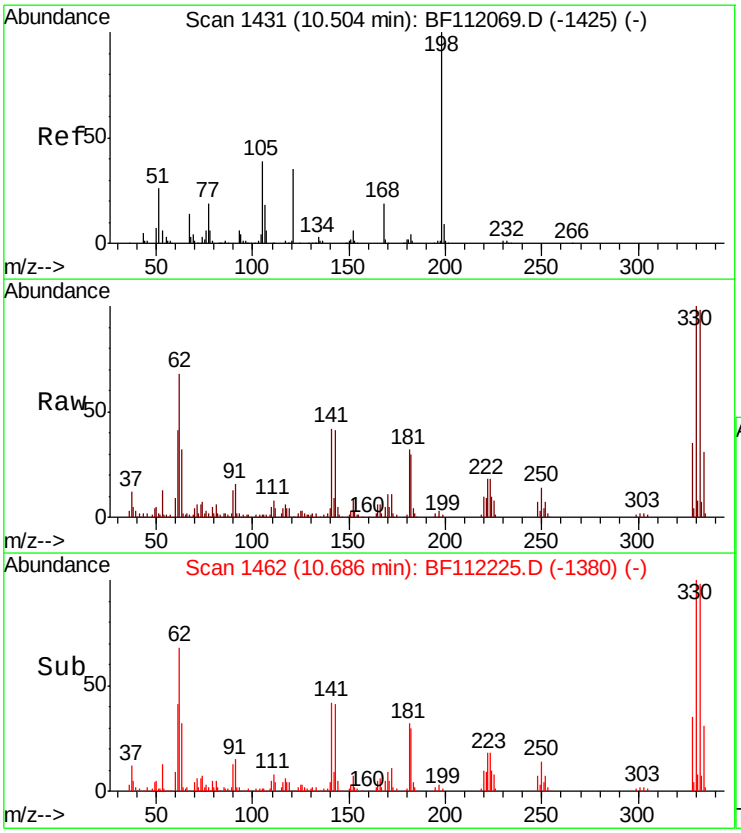
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:188 Resp: 529683

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.4	8.9	13.3

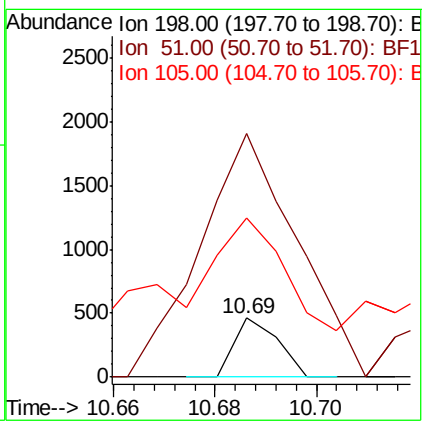


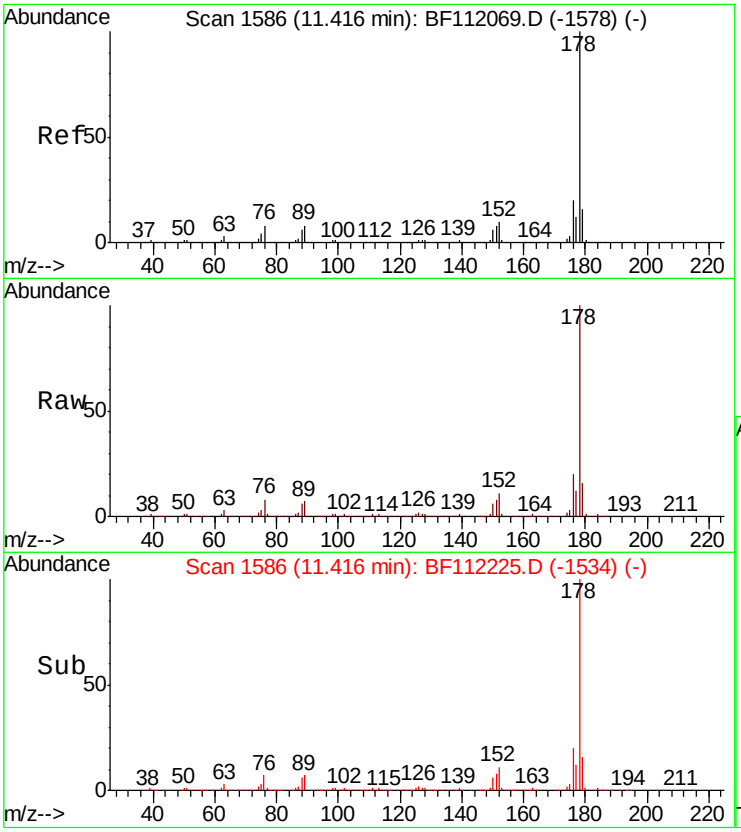


#65
4,6-Dinitro-2-methylphenol
Concen: 10.168 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:198 Resp: 275

Ion	Ratio	Lower	Upper
198	100		
51	411.0	17.2	57.2#
105	268.1	21.9	61.9#



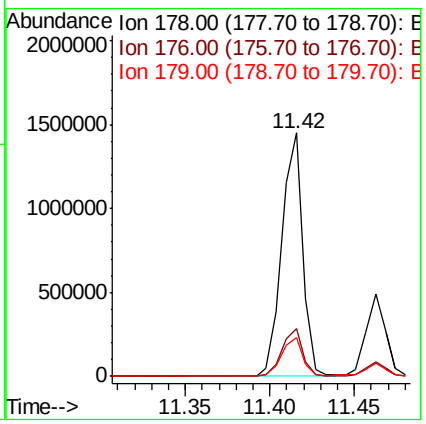


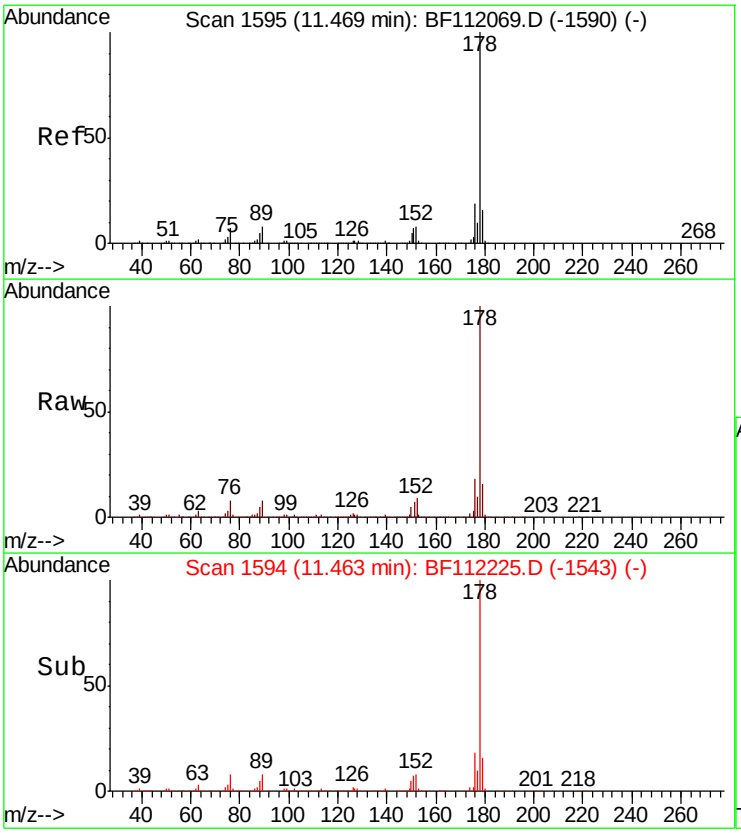
#71
Phenanthrene
Concen: 47.065 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:178 Resp: 1254588

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	15.8	13.0	19.4

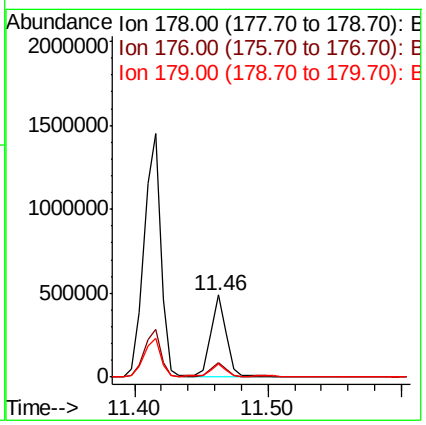


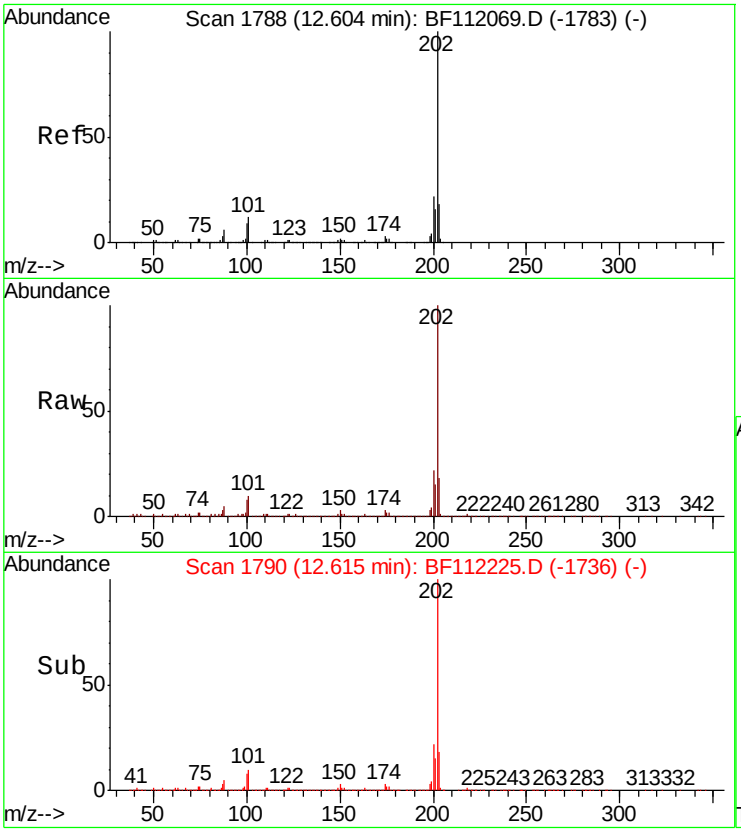


#72
Anthracene
Concen: 14.981 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:178 Resp: 404545

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.5	23.3
179	15.8	12.8	19.2



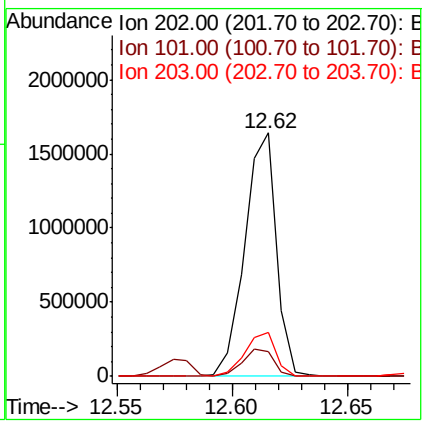


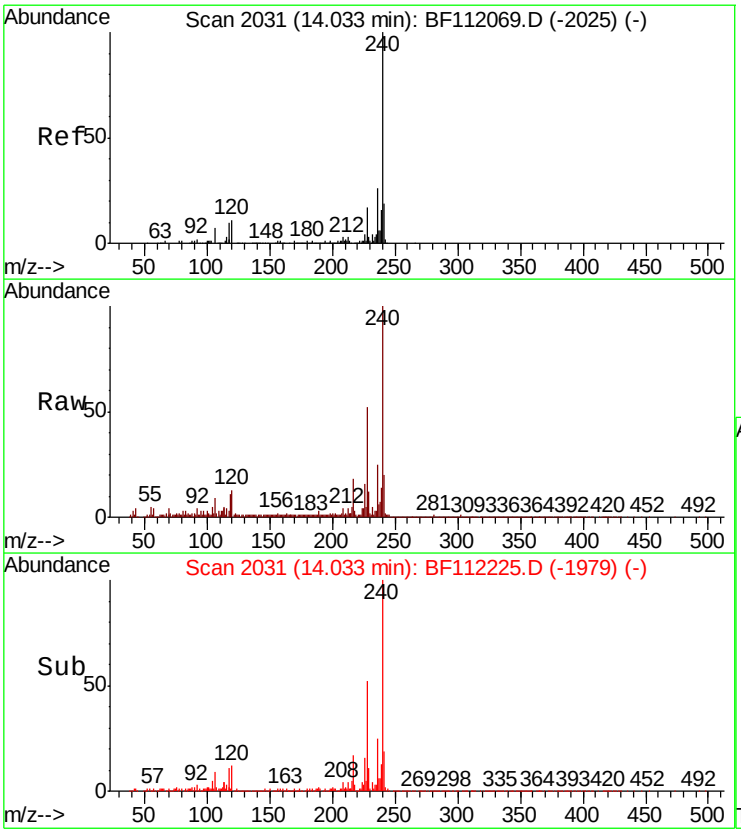
#75
Fluoranthene
Concen: 55.887 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.02 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:202 Resp: 1572947

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.8
203	17.9	0.0	38.4

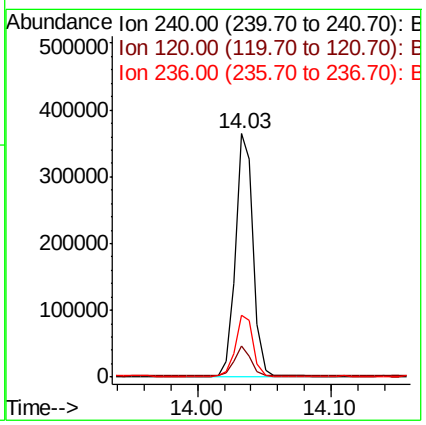


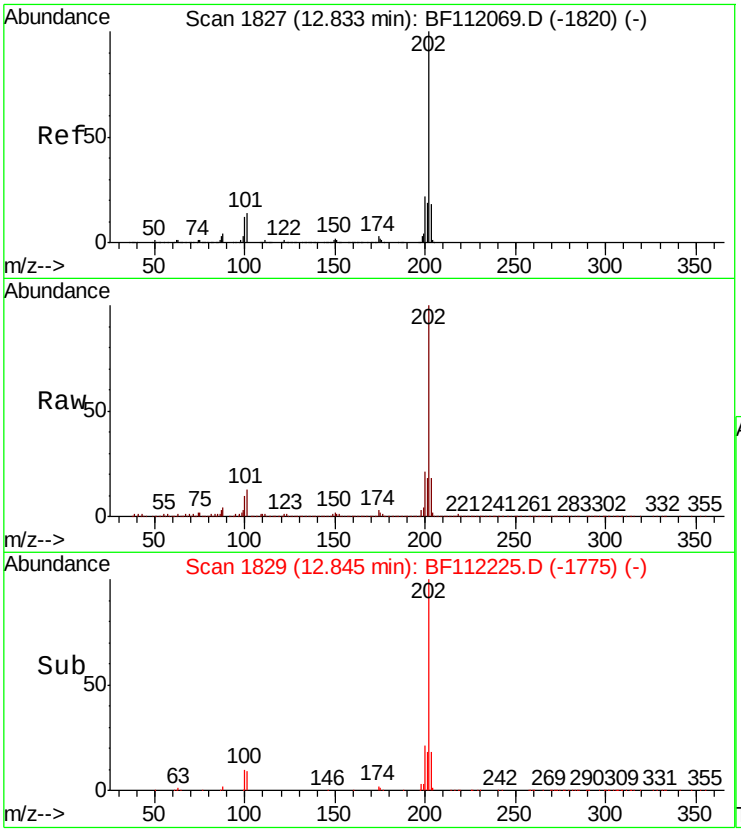


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:240 Resp: 335077

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.0	13.6
236	25.4	20.7	31.1



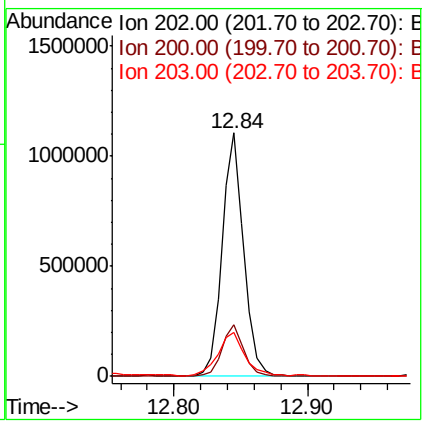


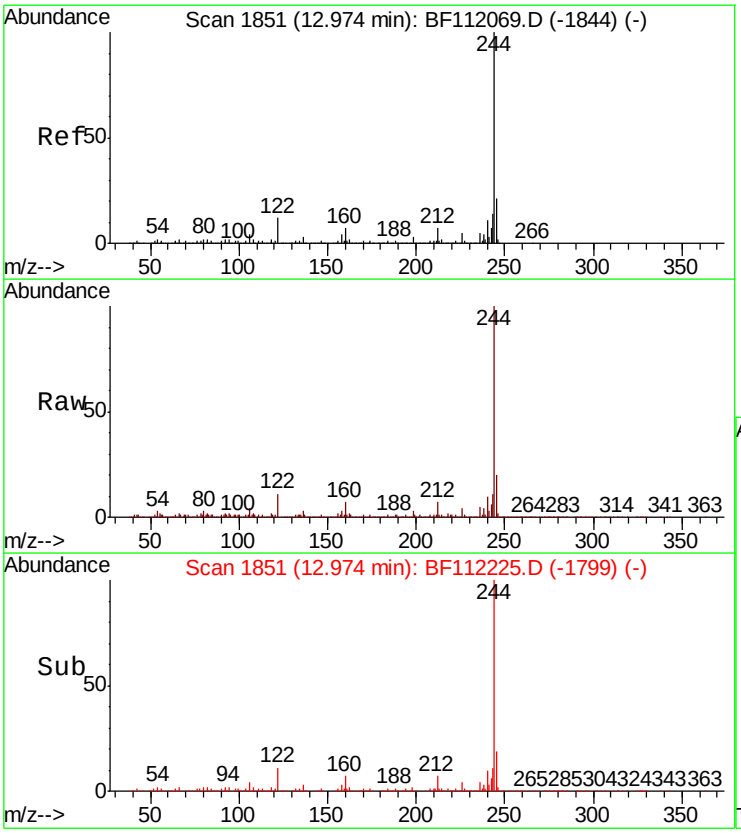
#78
Pyrene
Concen: 56.212 ng
RT: 12.84 min Scan# 1829
Delta R.T. 0.02 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:202 Resp: 1242681

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	18.0	14.6	22.0

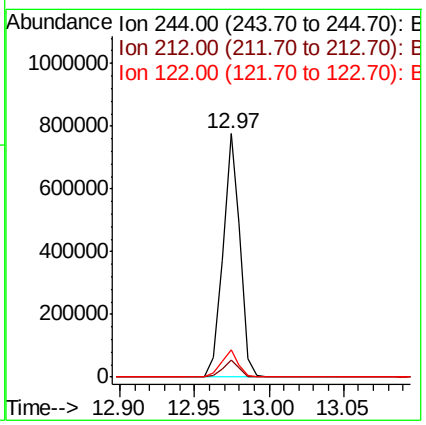


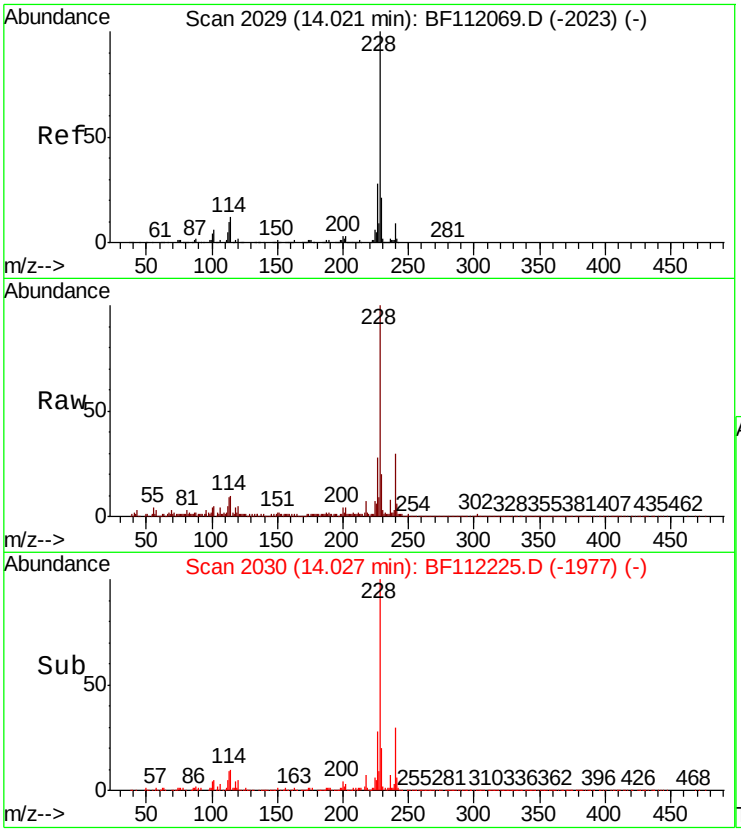


#79
Terphenyl-d14
Concen: 39.844 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:244 Resp: 627577

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	11.2	9.8	14.6



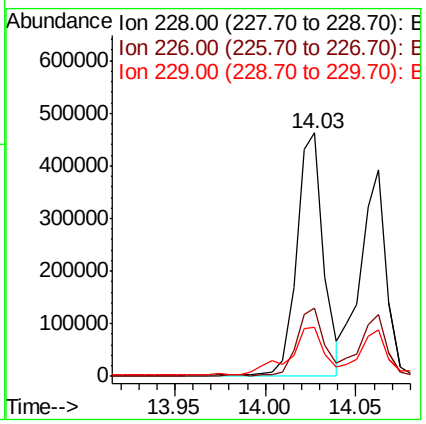


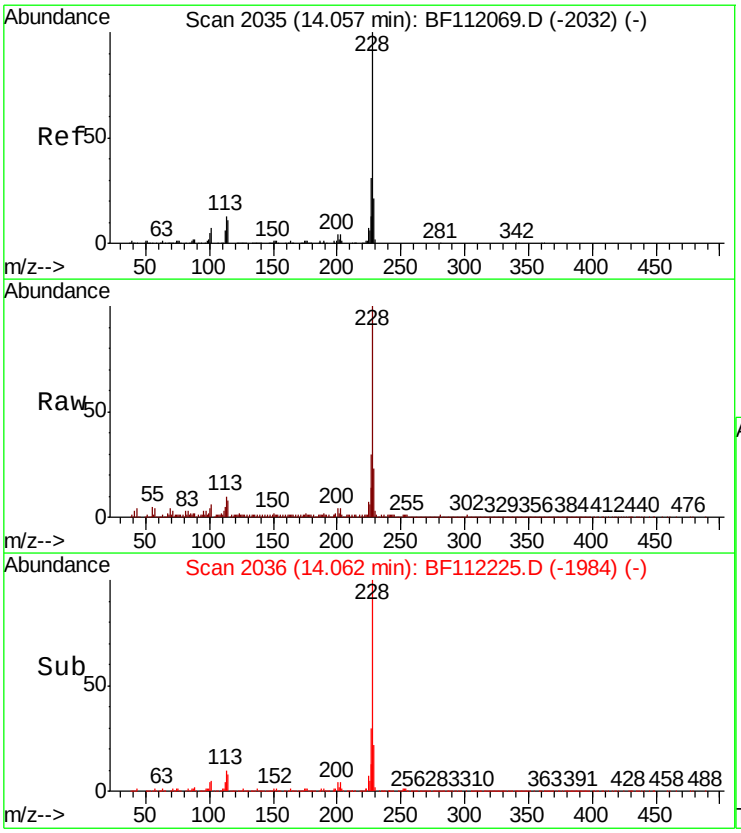
#81
Benzo(a)anthracene
Concen: 24.862 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:228 Resp: 477660

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	34.0
229	20.3	16.5	24.7

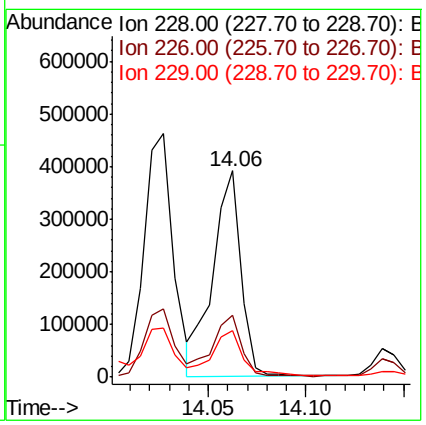


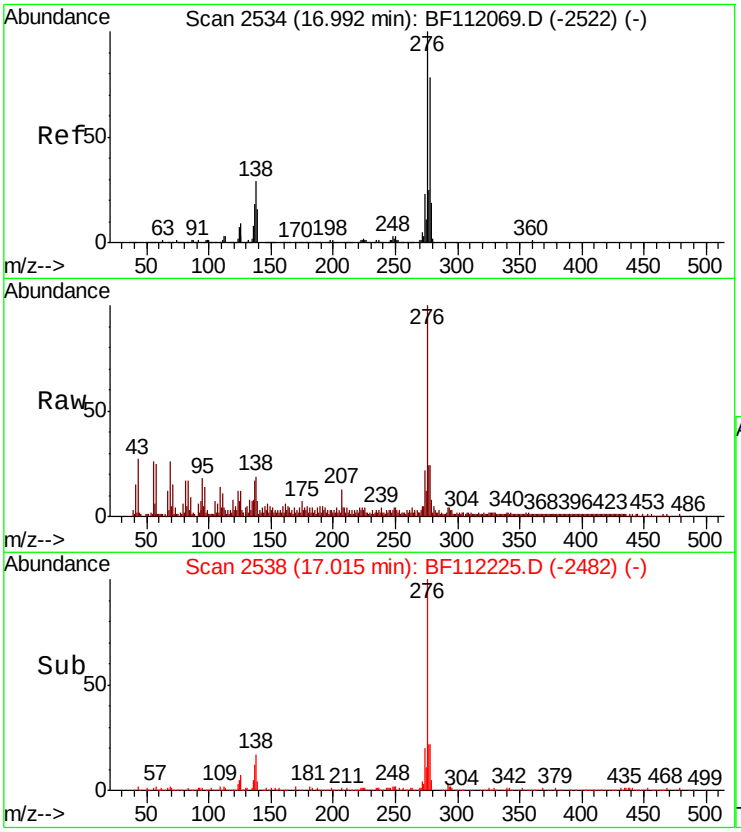


#83
Chrysene
Concen: 21.425 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:228 Resp: 389488

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	22.7	16.6	24.8



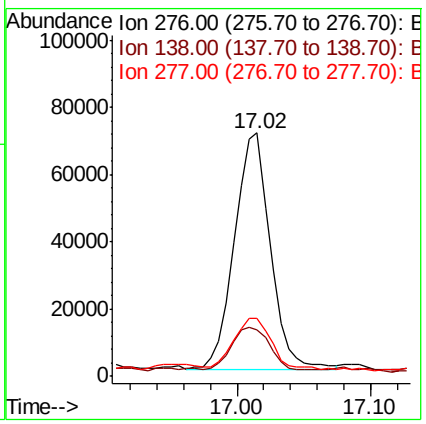


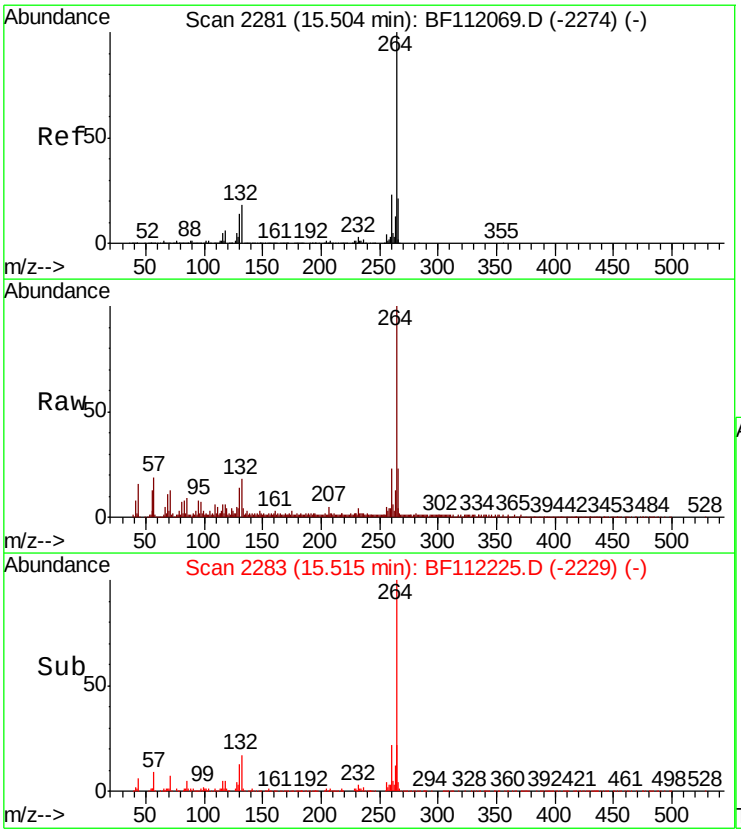
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.791 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.03 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:276 Resp: 130670

Ion	Ratio	Lower	Upper
276	100		
138	19.6	22.6	34.0#
277	23.2	20.3	30.5

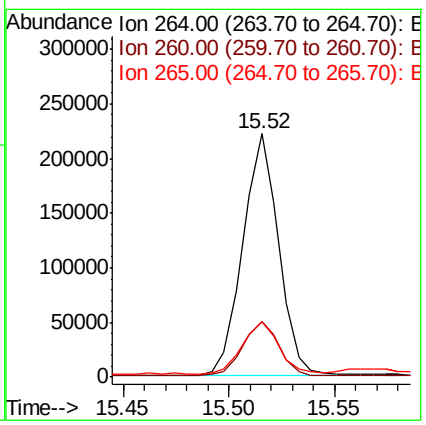


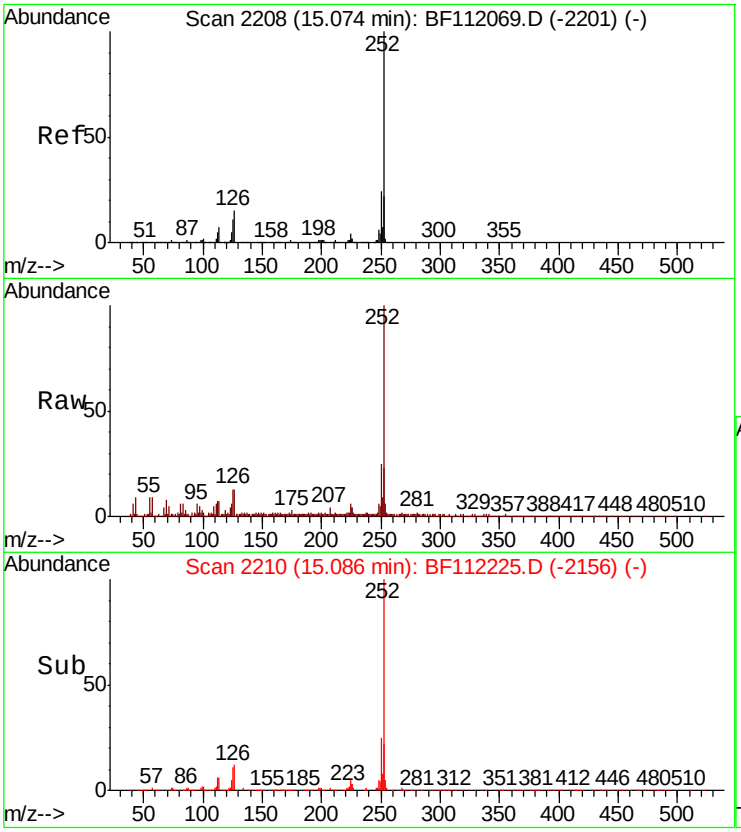


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.02 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:264 Resp: 260817

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	22.9	17.0	25.4



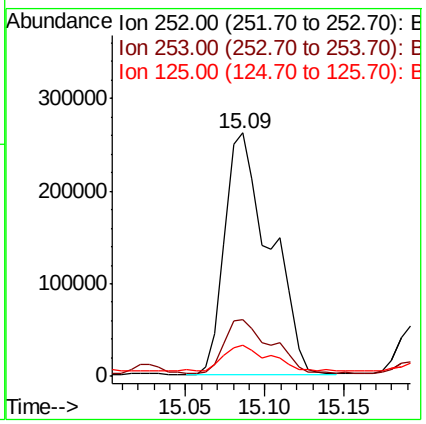


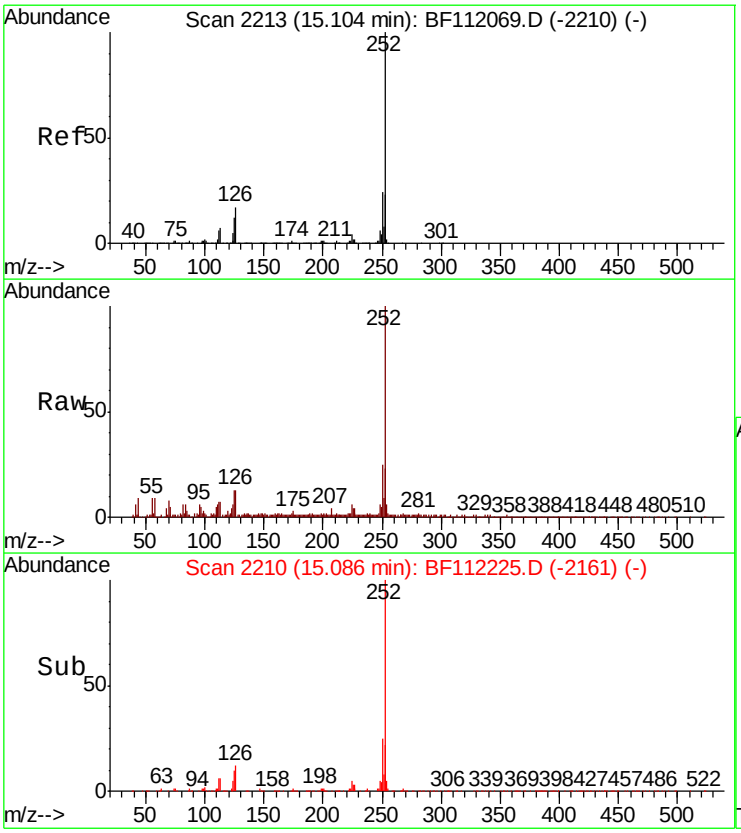
#88
Benzo(b)fluoranthene
Concen: 35.101 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.02 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:252 Resp: 519672

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.7	8.7	13.1

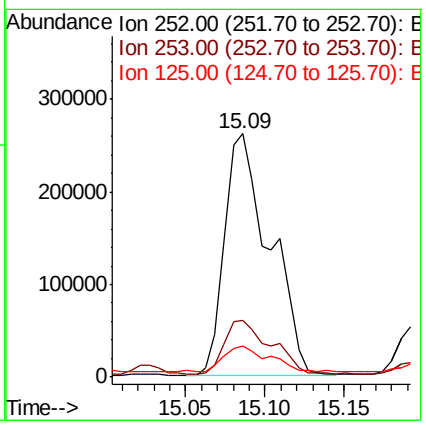


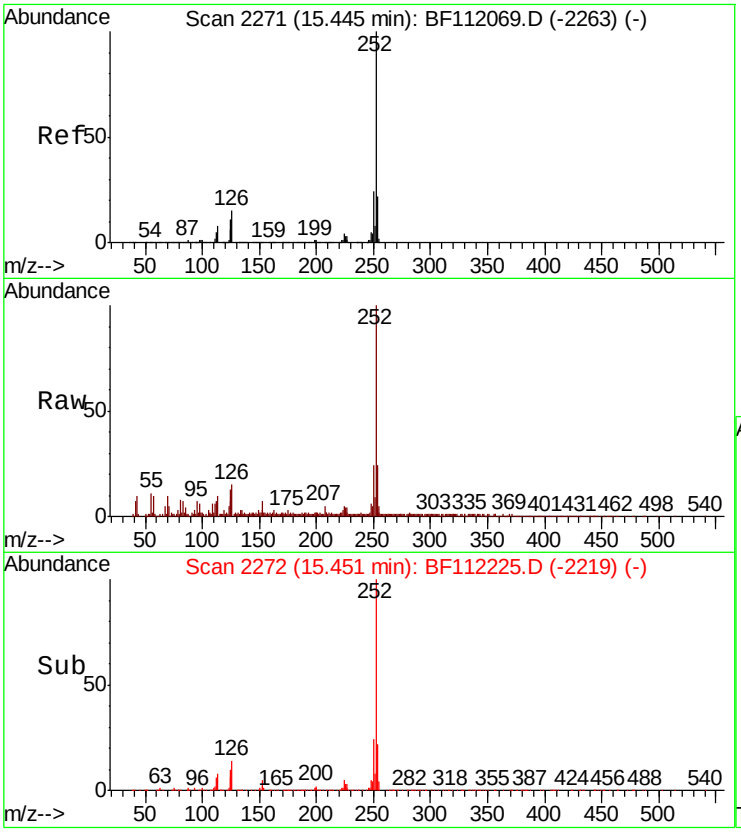


#89
Benzo(k)fluoranthene
Concen: 36.266 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:252 Resp: 519672

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.7	9.1	13.7



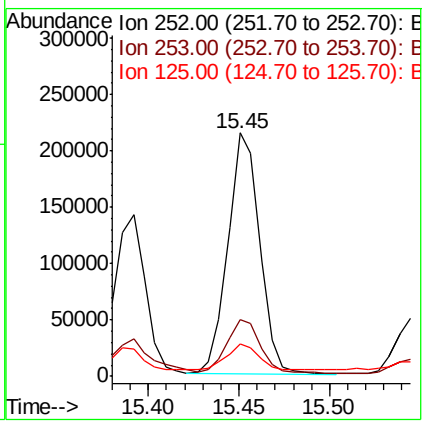


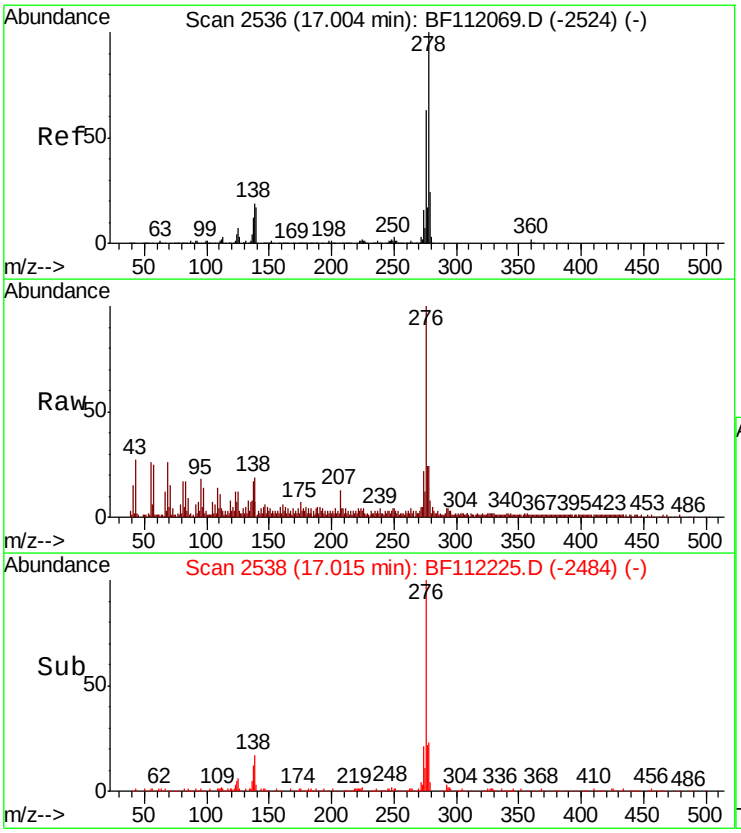
#90
Benzo(a)pyrene
Concen: 19.273 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:252 Resp: 261677

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	13.2	9.0	13.4

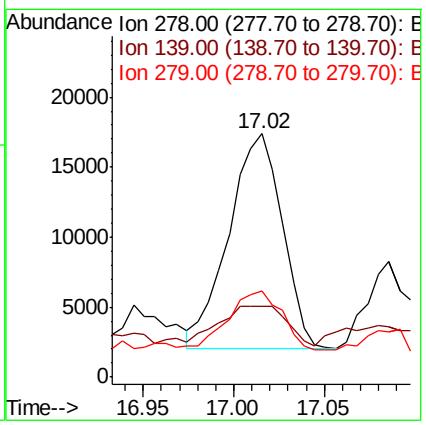


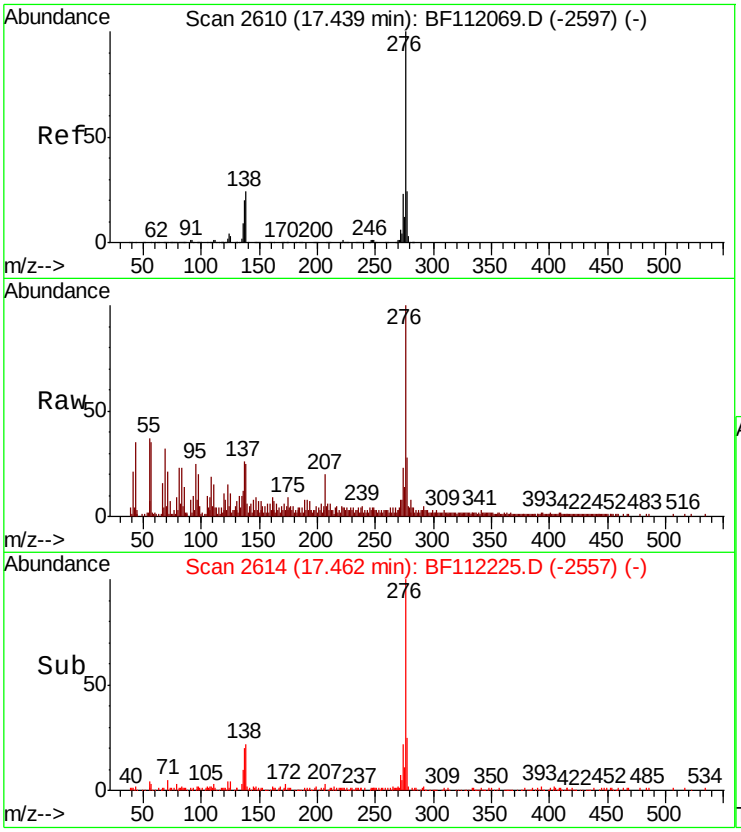


#91
Dibenzo(a,h)anthracene
Concen: 2.628 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Tgt Ion:278 Resp: 31696

Ion	Ratio	Lower	Upper
278	100		
139	29.3	13.7	20.5#
279	35.2	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 10.399 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.04 min
Lab File: BF112225.D
Acq: 24 Jan 2019 22:46

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:276 Resp: 123547

Ion	Ratio	Lower	Upper
276	100		
277	28.3	19.4	29.0
138	24.7	19.1	28.7