Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021819\
Data File : BF112606.D
Acq On : 18 Feb 2019 17:39
Operator : JU/SJ
Sample : K1518-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-2

Quant Time: Feb 19 00:04:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	55975	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	225873	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	113238	20.00	ng		-0.03
64) Phenanthrene-d10	11.35	188	225296	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	171481	20.00	ng		0.00
87) Perylene-d12	15.47	264	147538	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	331846	125.92	ng		-0.03
7) Phenol-d6	6.47	99	422917	115.49	ng		-0.02
23) Nitrobenzene-d5	7.39	82	274342	69.98	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	149195	113.19	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	492220	61.48	ng		-0.03
79) Terphenyl-d14	12.93	244	520405	57.16	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.49	94	9398	2.339	ng	#	66
19) n-Nitroso-di-n-propylamine	7.39	70	35436	14.034	ng	#	76
25) Isophorone	7.39	82	274340	44.610	ng	#	63
49) Acenaphthylene	9.72	152	26810	2.383	ng		97
50) Dimethylphthalate	9.57	163	33343	3.790	ng		100
51) 2,6-Dinitrotoluene	9.86	165	14823	7.523	ng	#	33
52) Acenaphthene	9.89	154	25328	3.768	ng		96
55) Dibenzofuran	10.07	168	22788	2.219	ng	#	87
58) Fluorene	10.41	166	44618	5.805	ng		99
67) 4-Bromophenyl-phenylether	10.66	248	8830	3.332	ng	#	1
71) Phenanthrene	11.38	178	849168	72.499	ng		98
72) Anthracene	11.43	178	188635	16.168	ng		99
73) Carbazole	11.59	167	54432	4.730	ng		100
75) Fluoranthene	12.57	202	1278391	101.761	ng		99
78) Pyrene	12.80	202	1099322	92.595	ng		99
81) Benzo(a)anthracene	13.99	228	514521	51.041	ng		99
83) Chrysene	14.03	228	428047	44.484	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	232615	30.508	ng	#	91
88) Benzo(b)fluoranthene	15.05	252	659460	74.739	ng		99
89) Benzo(k)fluoranthene	15.05	252	659460	78.028	ng		100
90) Benzo(a)pyrene	15.42	252	349445	44.015	ng		99
91) Dibenzo(a,h)anthracene	17.13	278	48544	7.587	ng		94
92) Benzo(g,h,i)perylene	17.42	276	215180	35.645	ng		98

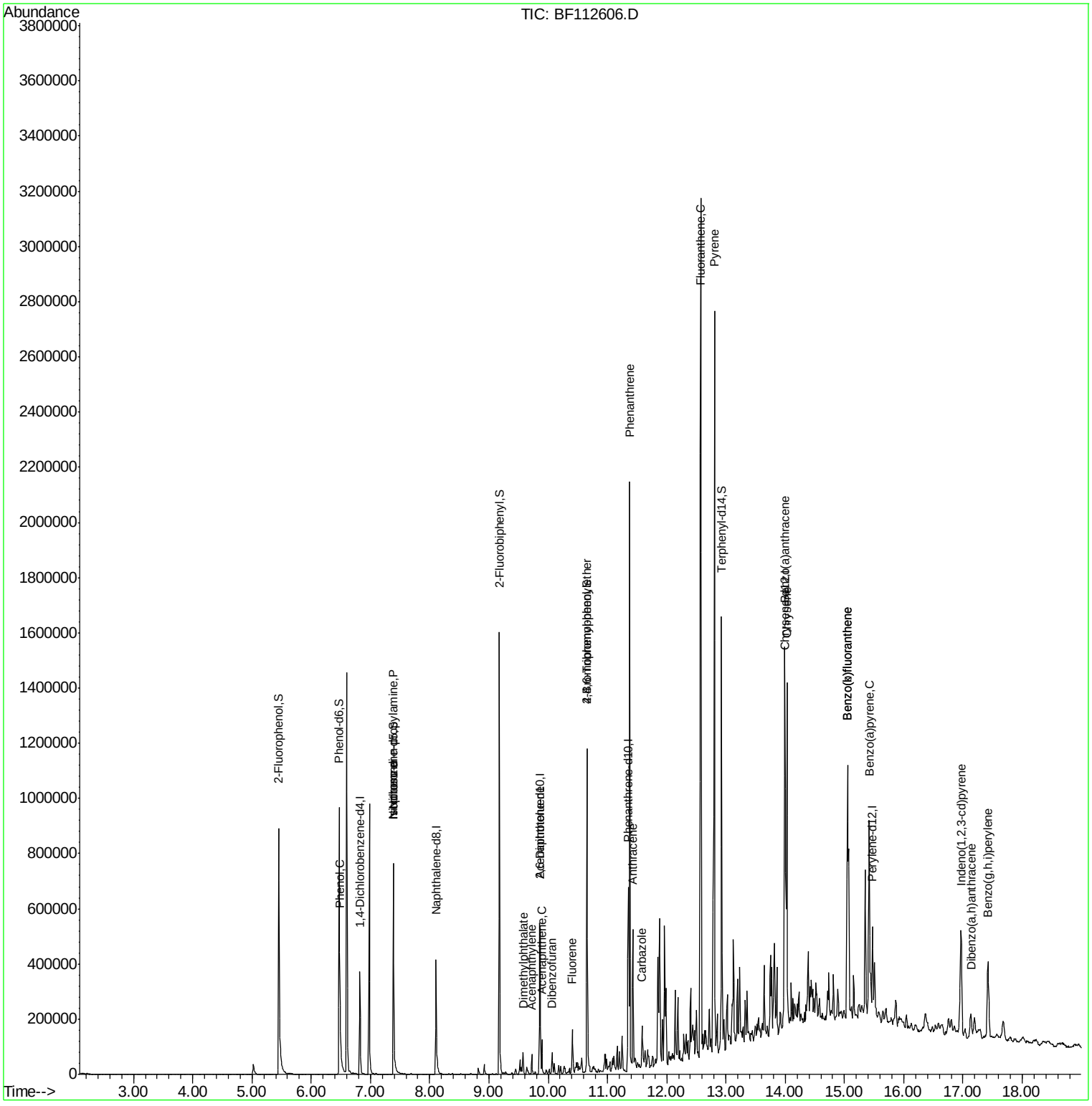
(#) = qualifier out of range (m) = manual integration (+) = signals summed

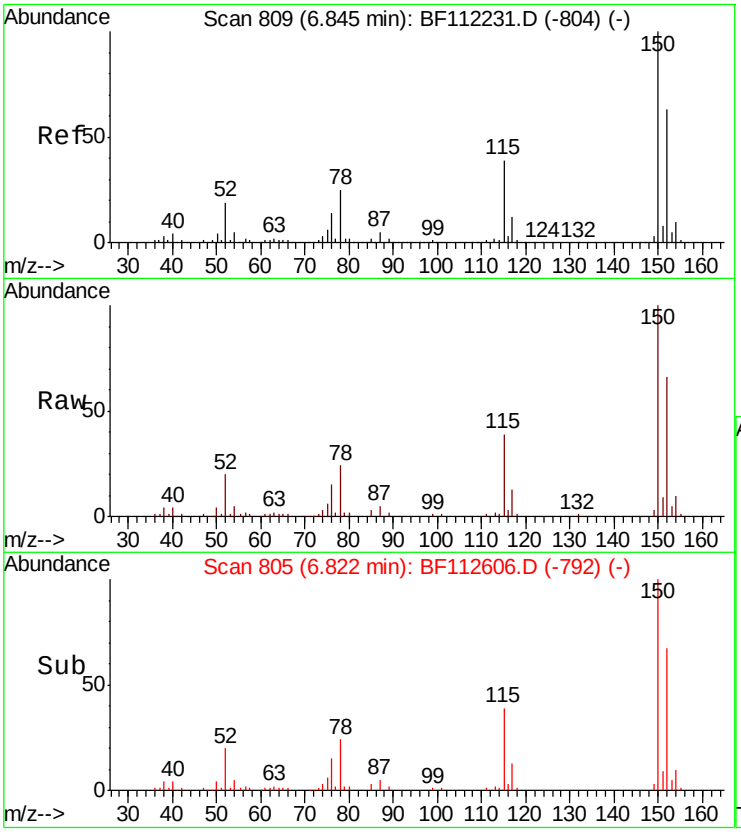
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021819\
Data File : BF112606.D
Acq On : 18 Feb 2019 17:39
Operator : JU/SJ
Sample : K1518-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Quant Time: Feb 19 00:04:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



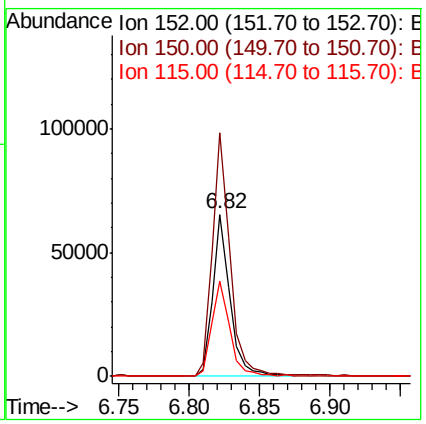


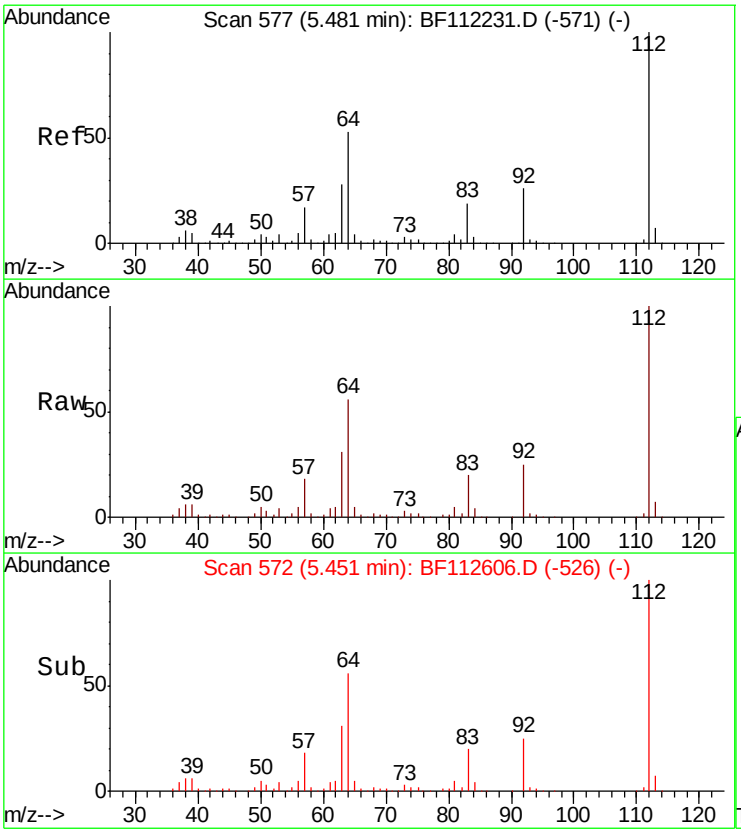
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:152 Resp: 55975

Ion	Ratio	Lower	Upper
152	100		
150	150.5	127.4	191.0
115	59.2	45.5	68.3

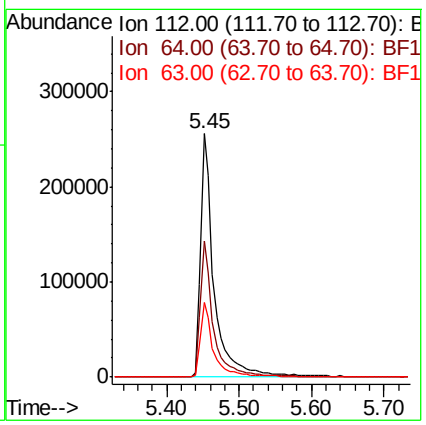


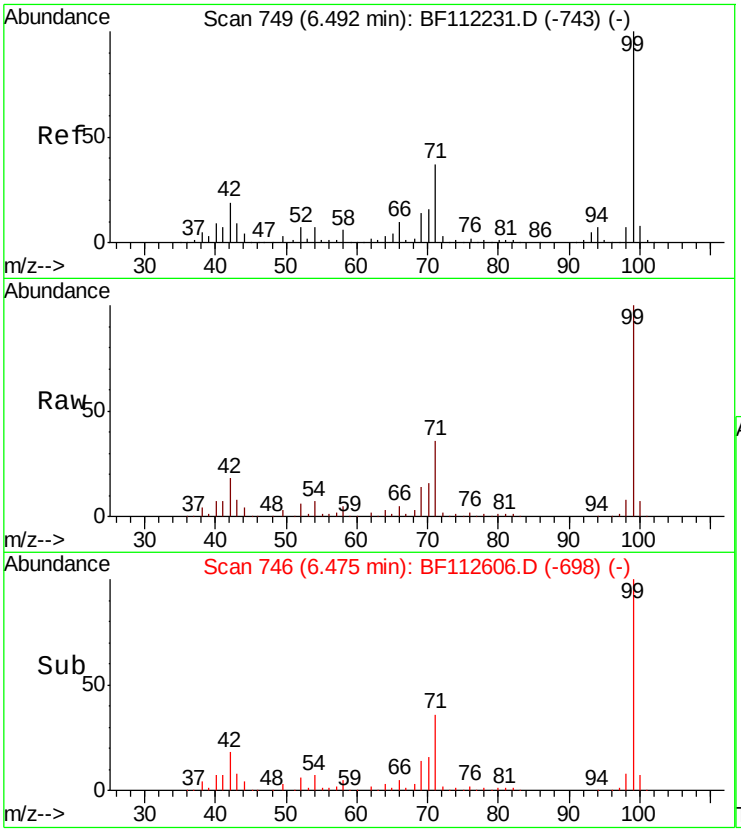


#5
2-Fluorophenol
Concen: 125.925 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:112 Resp: 331846

Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.7	68.5
63	30.9	23.6	35.4



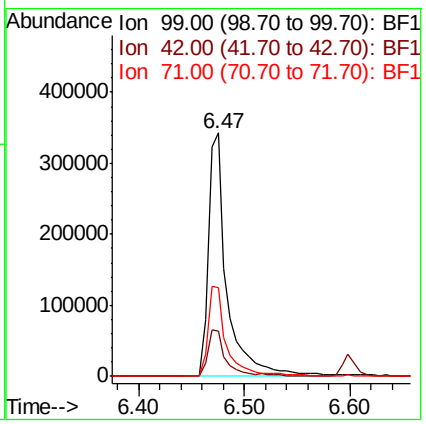


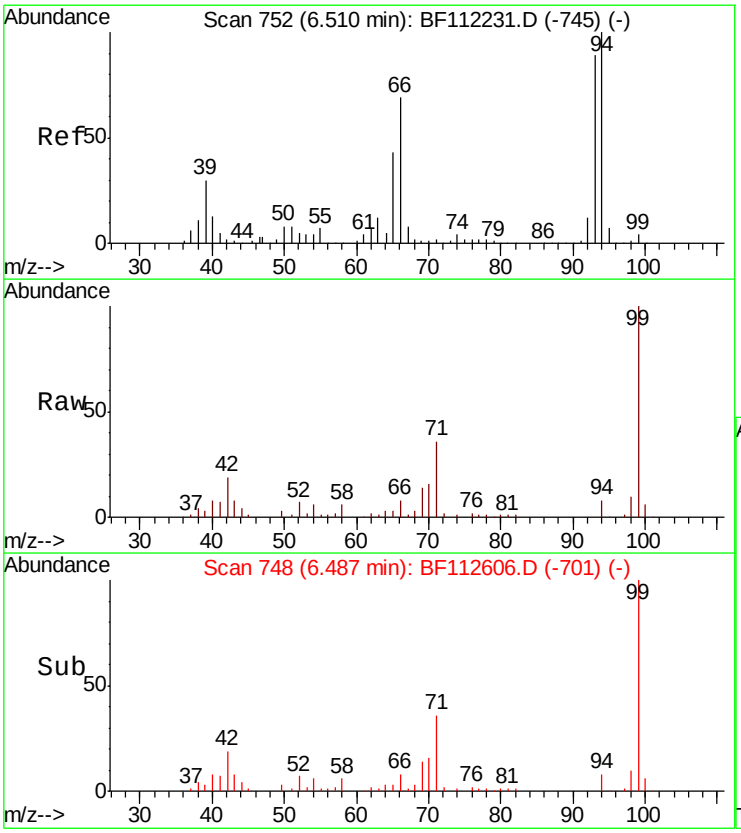
#7
Phenol-d6
Concen: 115.493 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion: 99 Resp: 422917

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.1	22.7
71	36.2	26.9	40.3

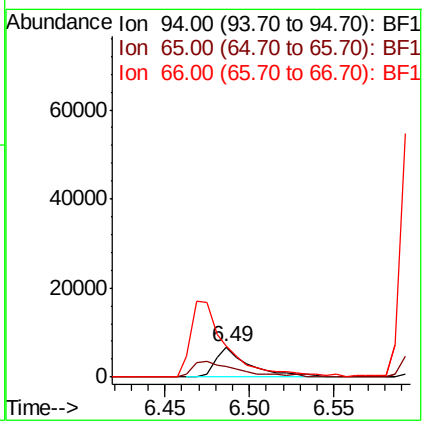


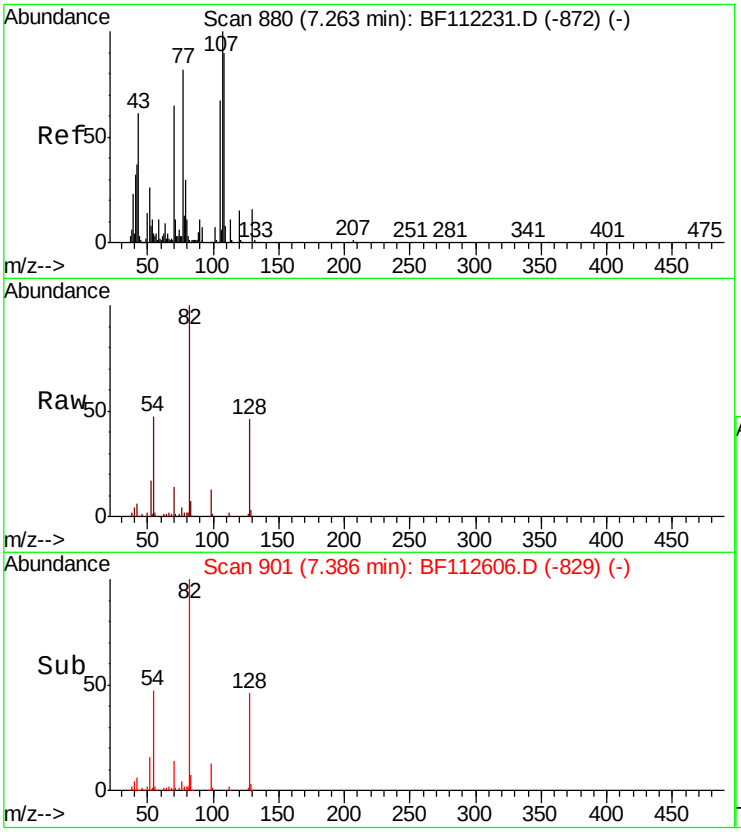


#10
Phenol
Concen: 2.339 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion: 94 Resp: 9398

Ion	Ratio	Lower	Upper
94	100		
65	35.6	20.3	60.3
66	101.3	42.4	82.4#



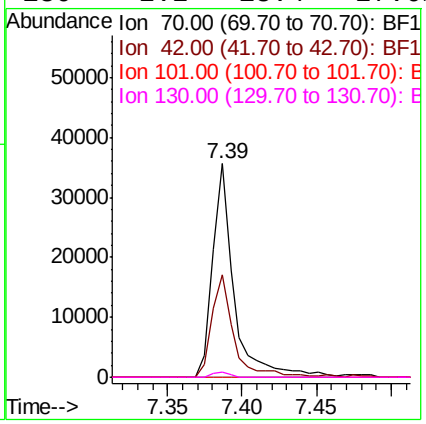


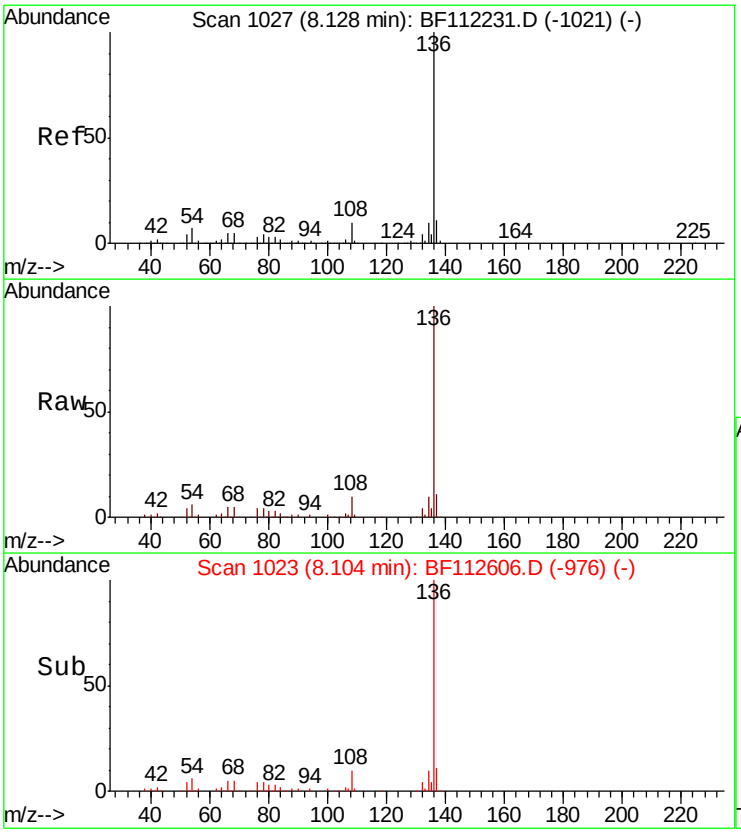
#19
n-Nitroso-di-n-propylamine
Concen: 14.034 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion: 70 Resp: 35436

Ion	Ratio	Lower	Upper
70	100		
42	47.7	47.6	71.4
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#

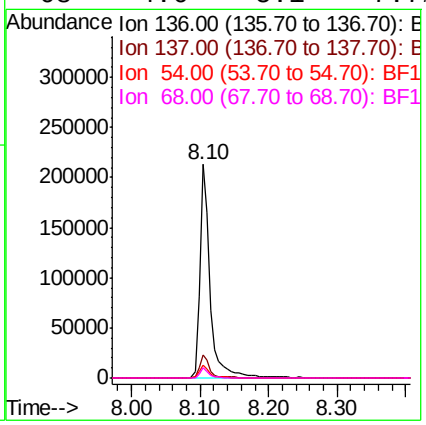


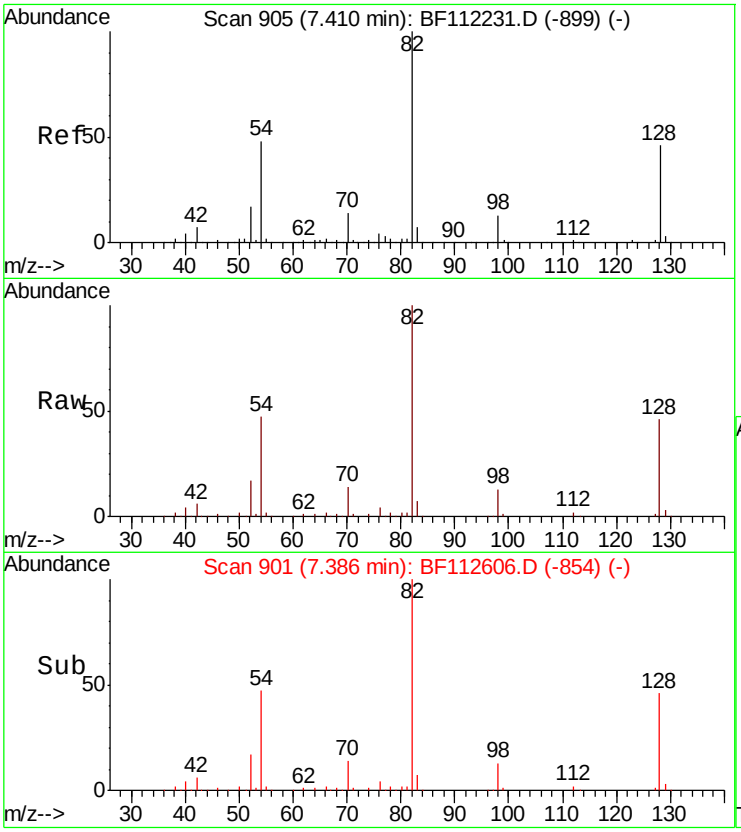


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:136 Resp: 225873

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.0	5.9	8.9
68	4.6	5.1	7.7#



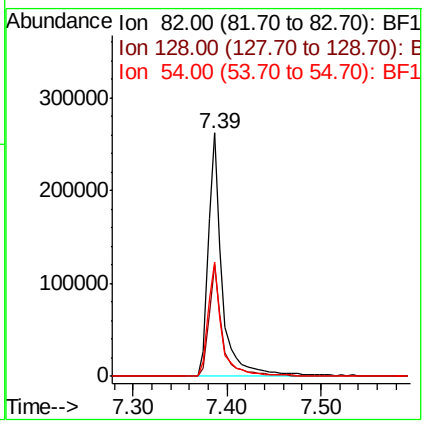


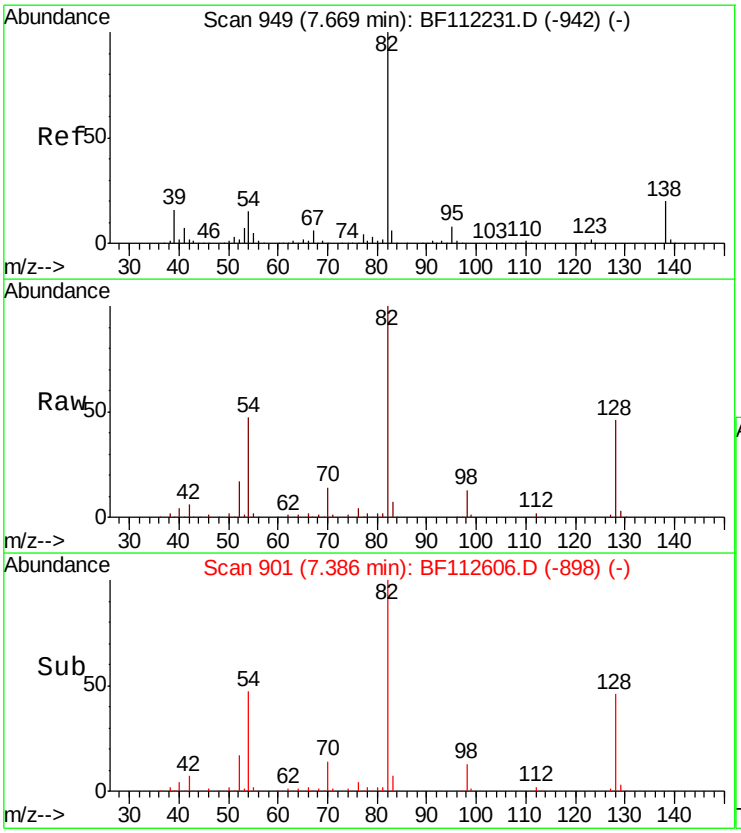
#23
Nitrobenzene-d5
Concen: 69.984 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion: 82 Resp: 274342

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	47.1	39.7	59.5

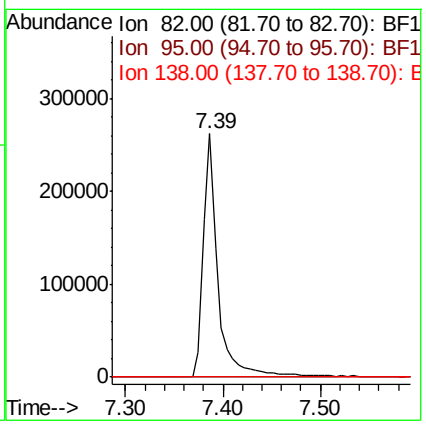


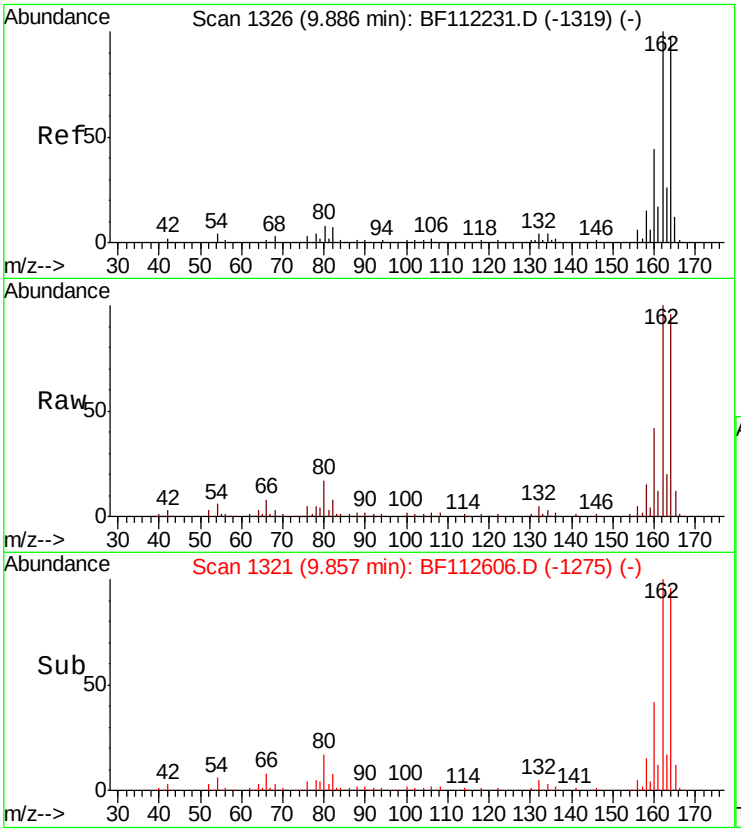


#25
Isophorone
Concen: 44.610 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion: 82 Resp: 274340

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



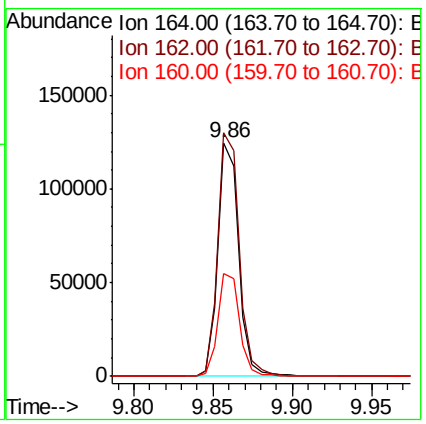


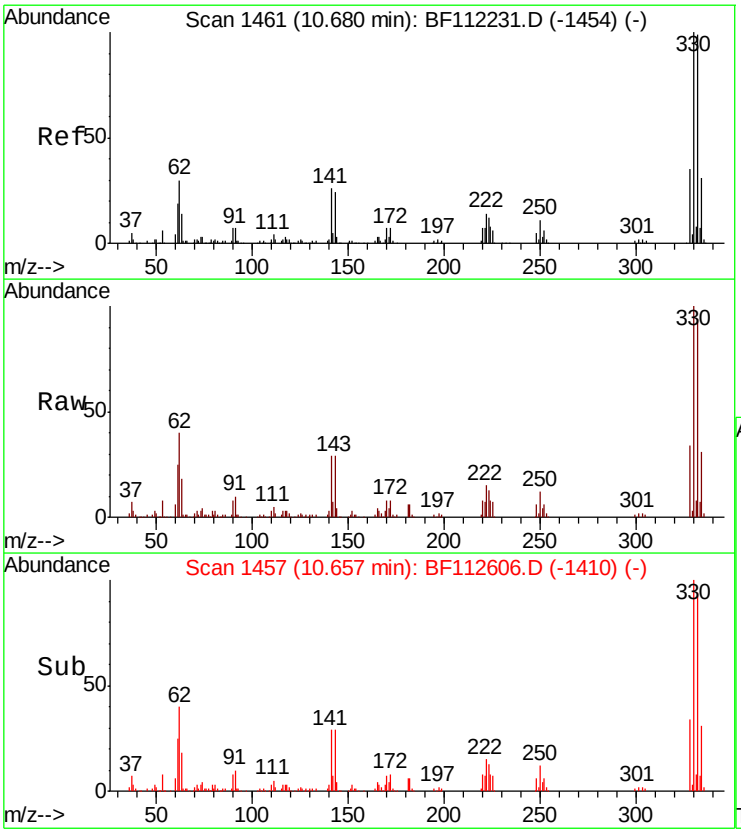
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:164 Resp: 113238

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.4
160	44.1	36.2	54.4

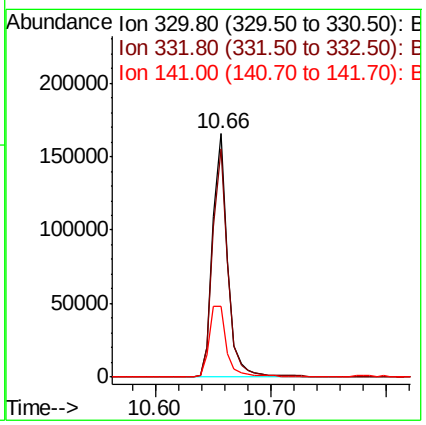


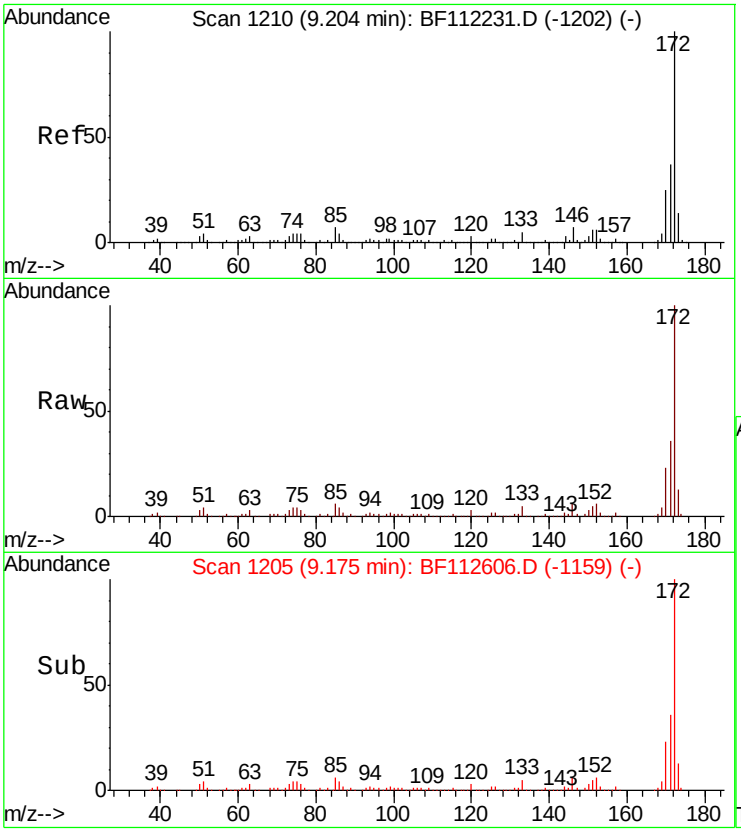


#42
2,4,6-Tribromophenol
Concen: 113.193 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:330 Resp: 149195

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	34.1	24.3	36.5



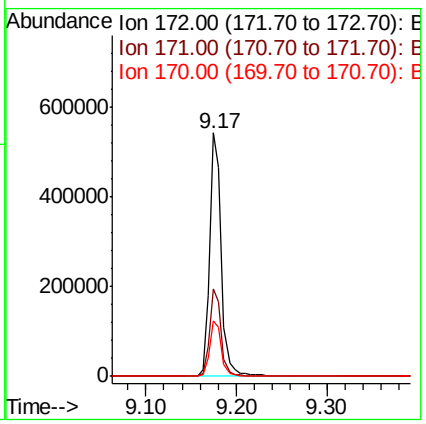


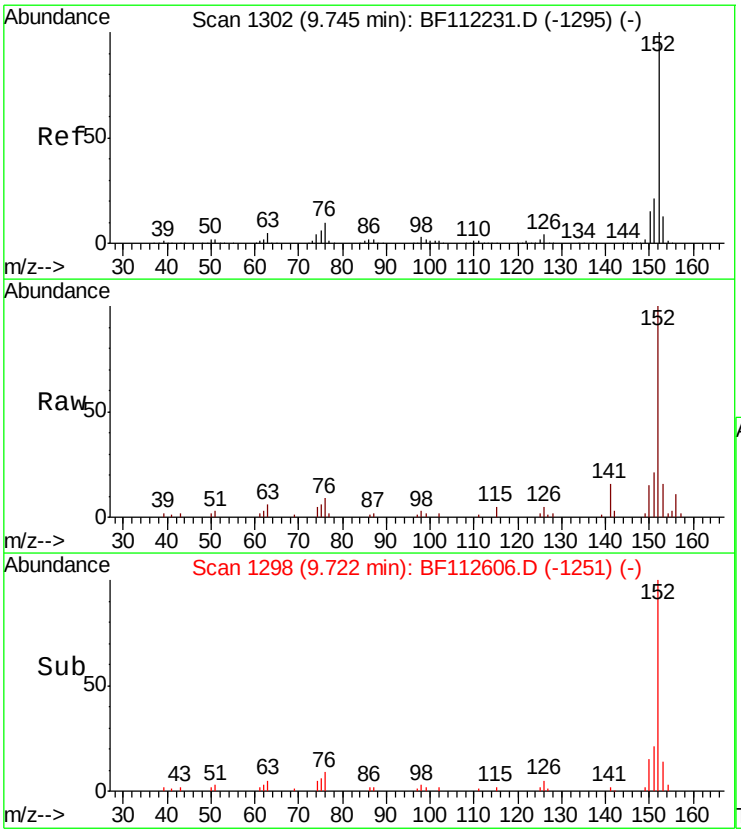
#45
2-Fluorobiphenyl
Concen: 61.478 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:172 Resp: 492220

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.0	20.2	30.4

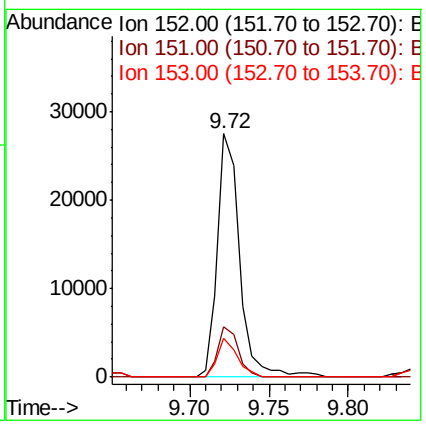


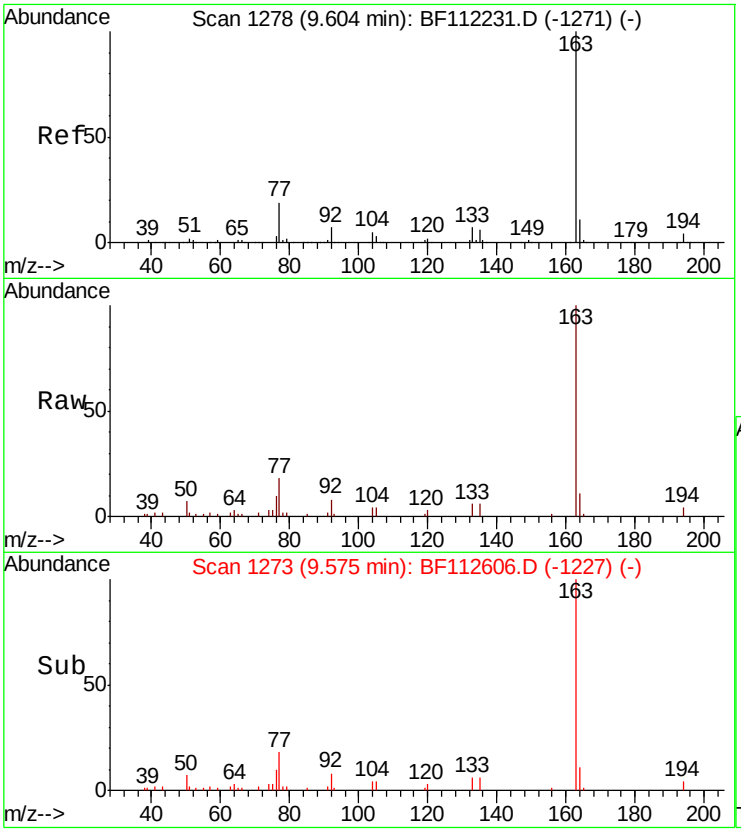


#49
Acenaphthylene
Concen: 2.383 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:152 Resp: 26810

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.6
153	15.9	11.2	16.8



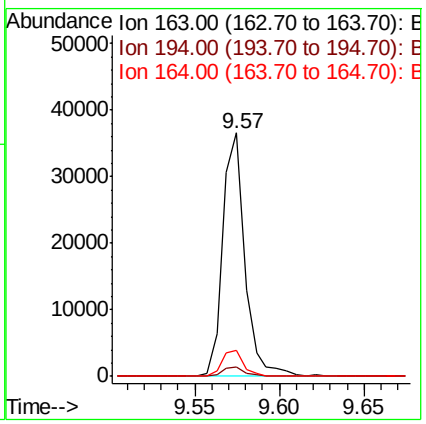


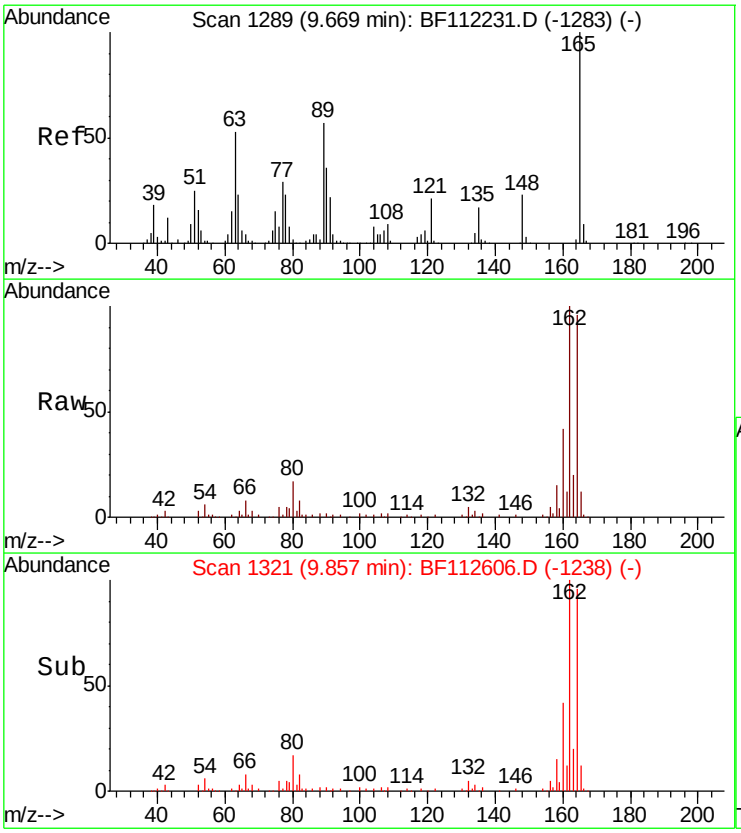
#50
Dimethylphthalate
Concen: 3.790 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:163 Resp: 33343

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.7	8.5	12.7

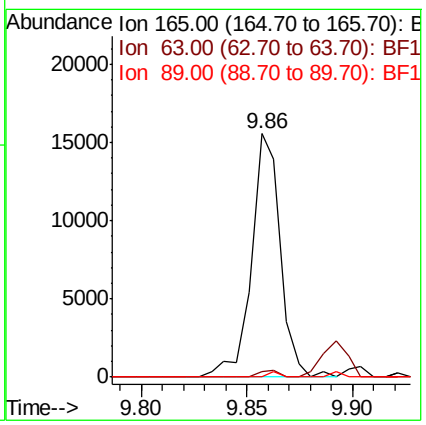


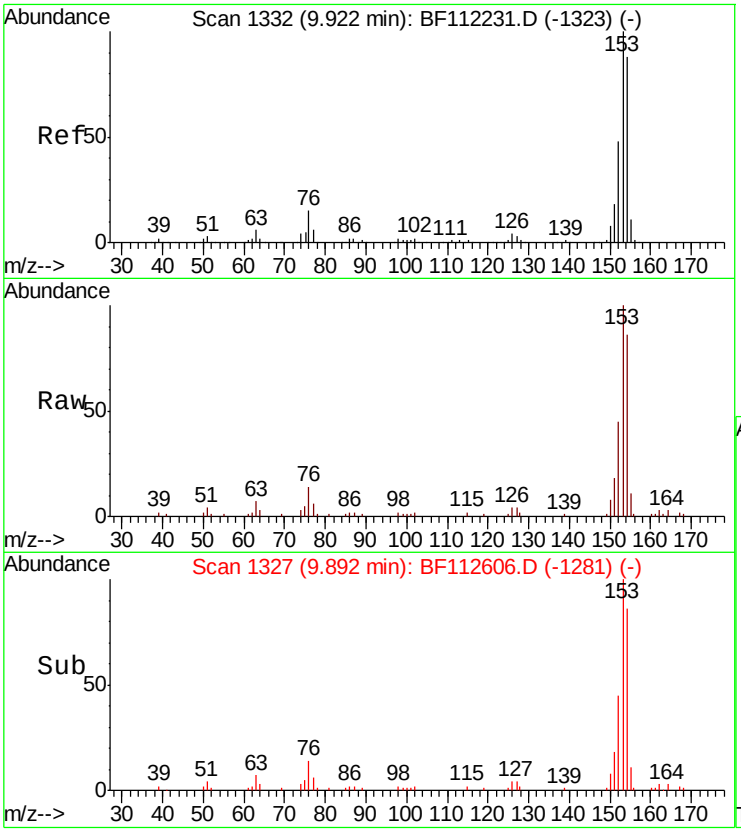


#51
2,6-Dinitrotoluene
Concen: 7.523 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.19 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:165 Resp: 14823

Ion	Ratio	Lower	Upper
165	100		
63	2.1	33.8	50.8#
89	0.0	36.9	55.3#



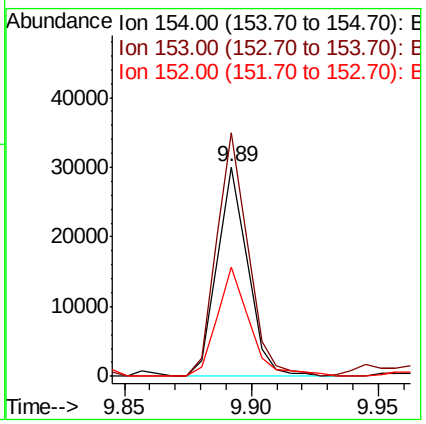


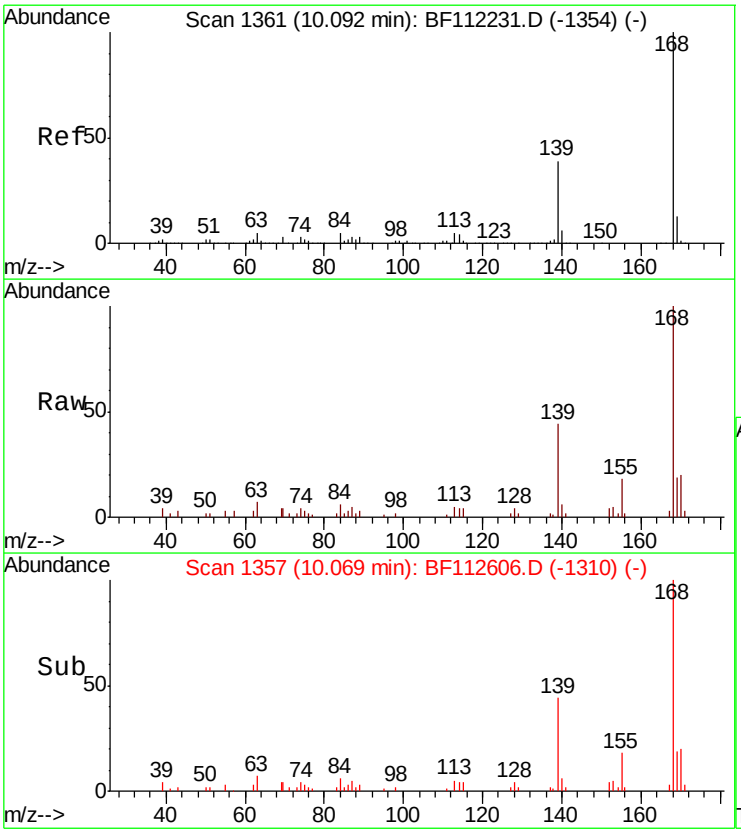
#52
Acenaphthene
Concen: 3.768 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:154 Resp: 25328

Ion	Ratio	Lower	Upper
154	100		
153	116.4	89.8	134.6
152	52.2	43.5	65.3

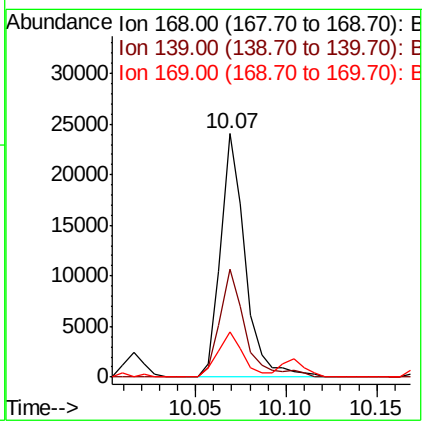


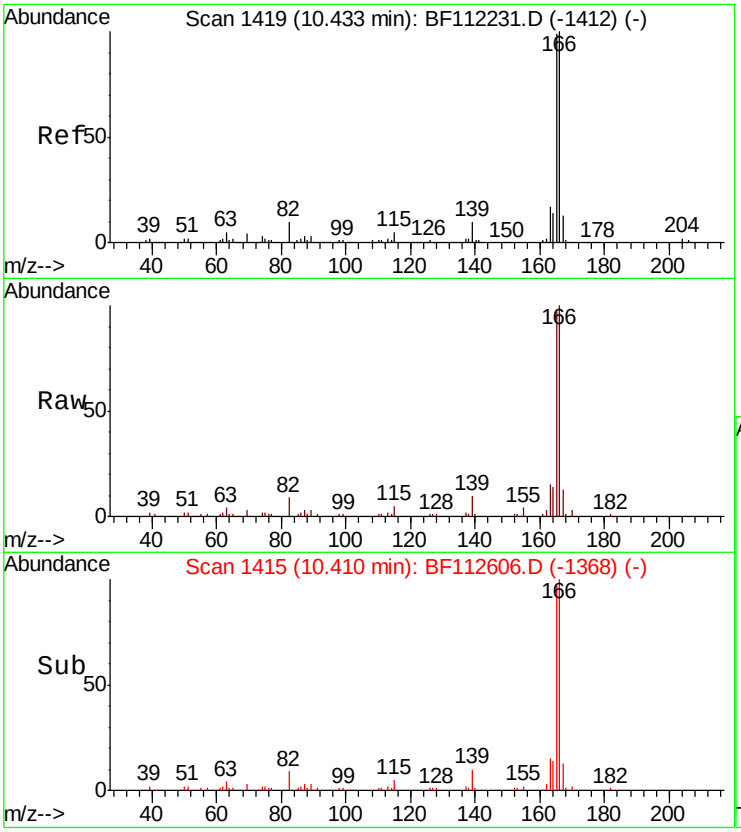


#55
Dibenzofuran
Concen: 2.219 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:168 Resp: 22788

Ion	Ratio	Lower	Upper
168	100		
139	44.4	29.2	43.8#
169	18.6	11.4	17.0#



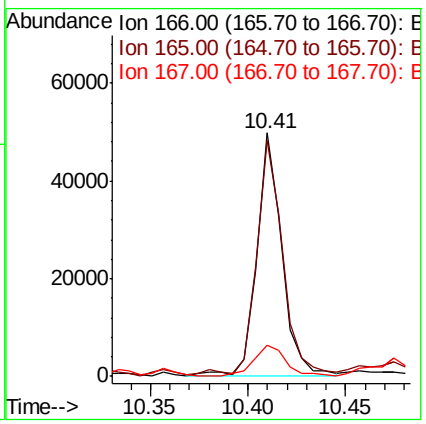


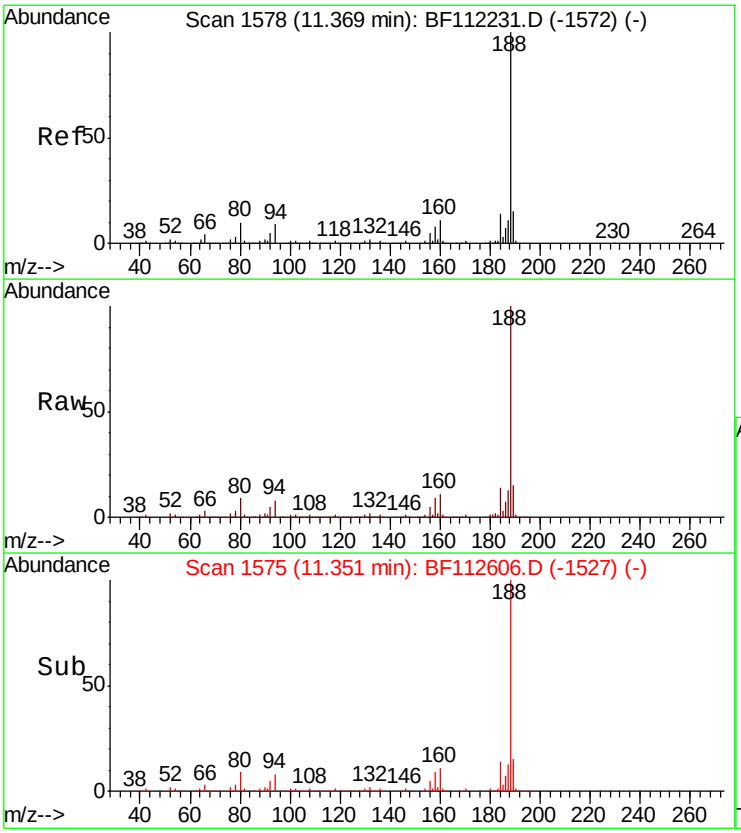
#58
Fluorene
Concen: 5.805 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:166 Resp: 44618

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.1	115.7
167	12.9	11.3	16.9

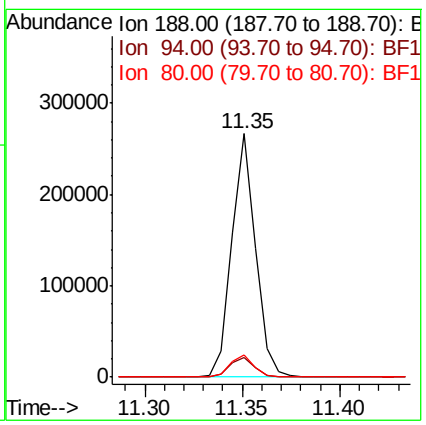


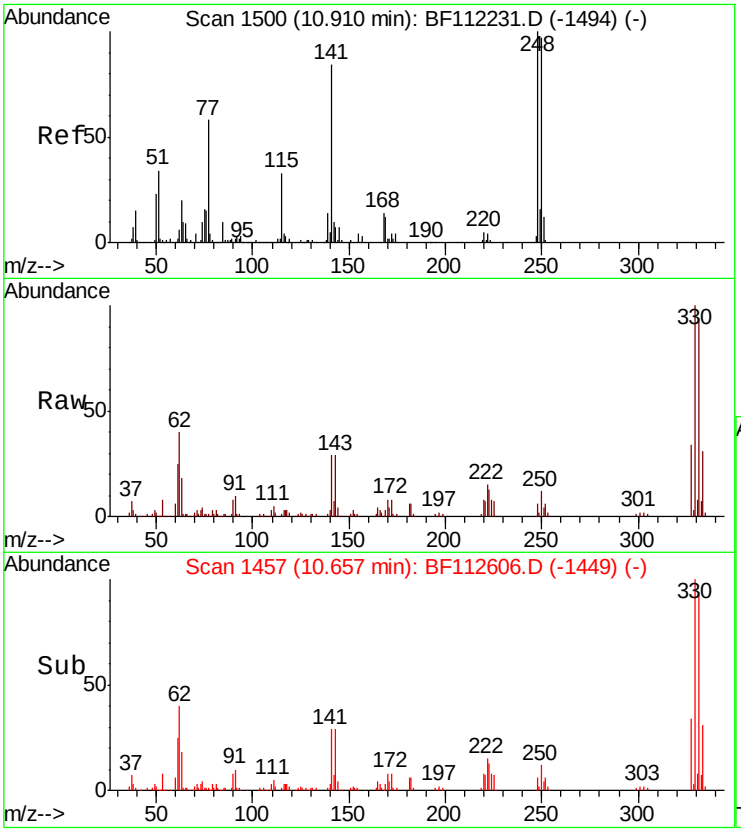


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:188 Resp: 225296

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.2	12.2#
80	9.2	8.9	13.3



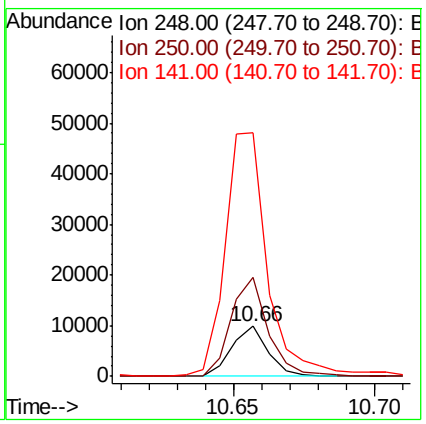


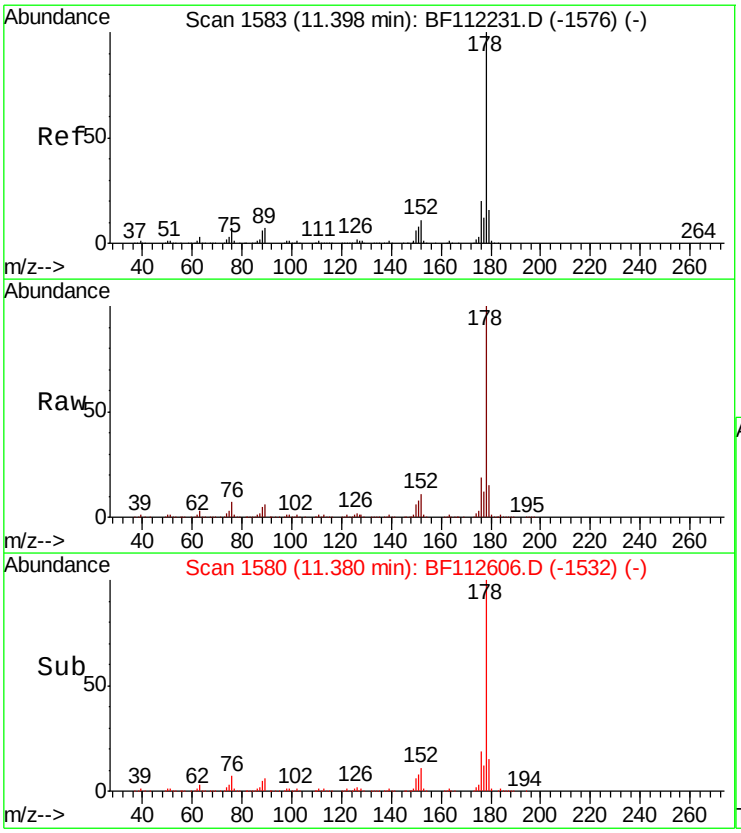
#67
4-Bromophenyl-phenylether
Concen: 3.332 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.25 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:248 Resp: 8830

Ion	Ratio	Lower	Upper
248	100		
250	198.0	79.7	119.5#
141	487.9	60.3	90.5#

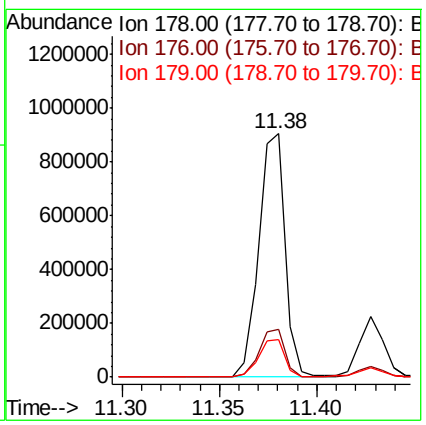


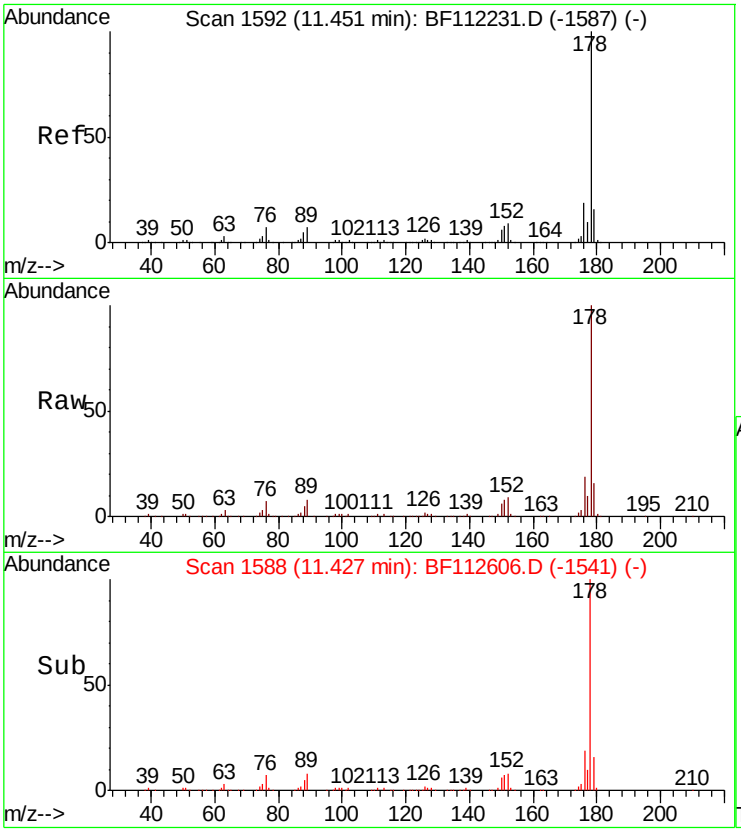


#71
Phenanthrene
Concen: 72.499 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:178 Resp: 849168

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	15.4	13.0	19.4



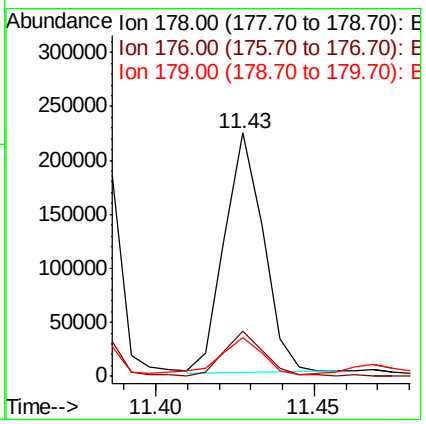


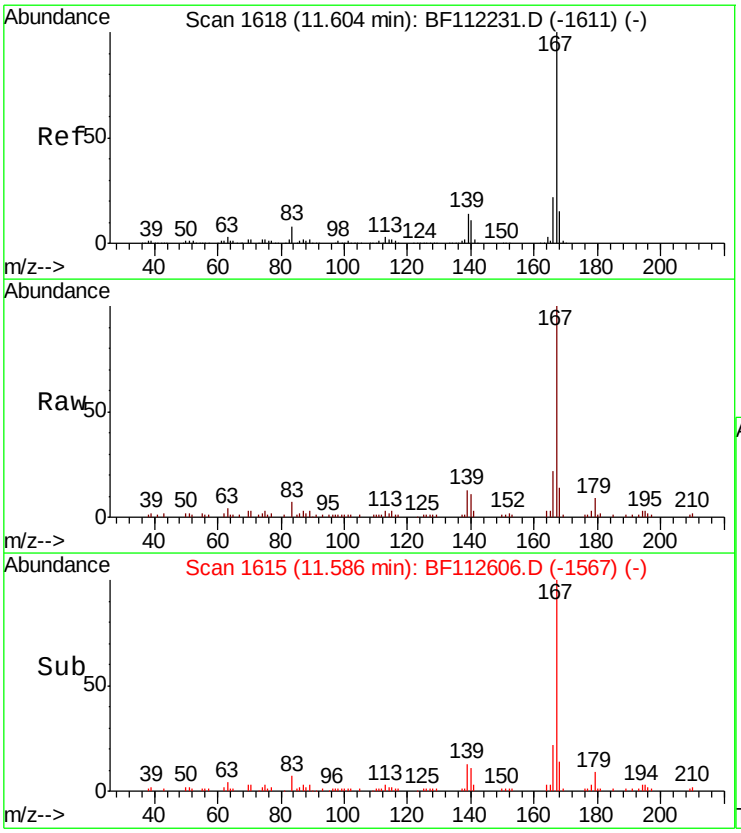
#72
Anthracene
Concen: 16.168 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:178 Resp: 188635

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.7	12.8	19.2

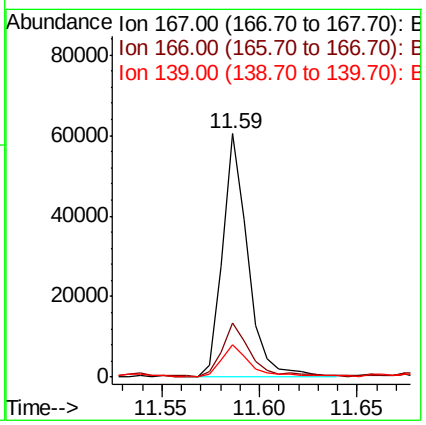


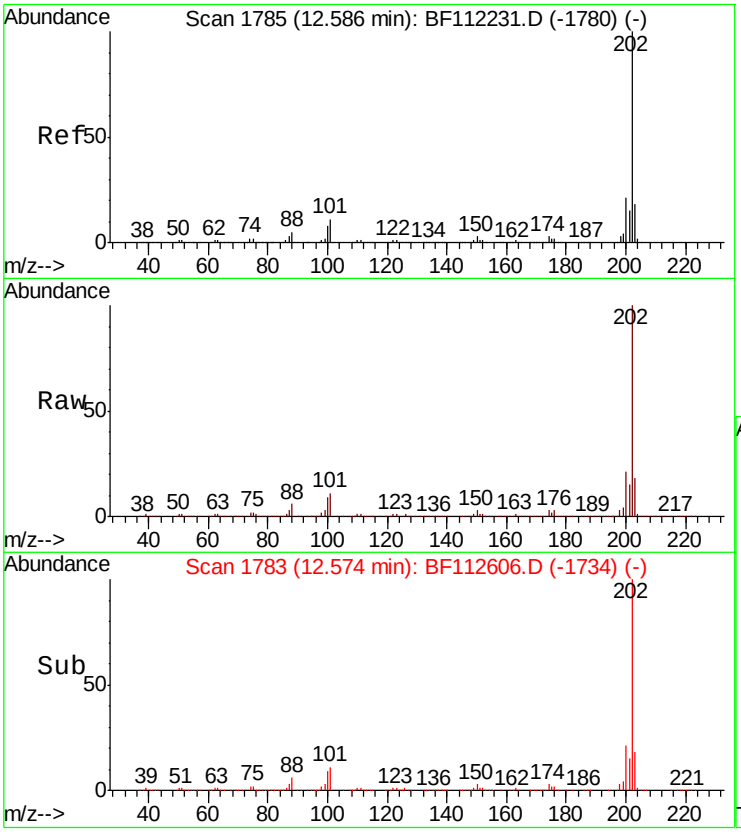


#73
Carbazole
Concen: 4.730 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:167 Resp: 54432

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.1	10.2	15.2



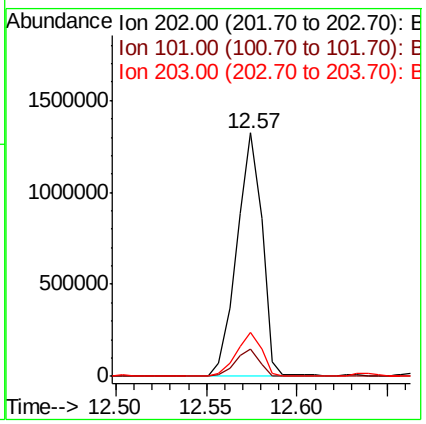


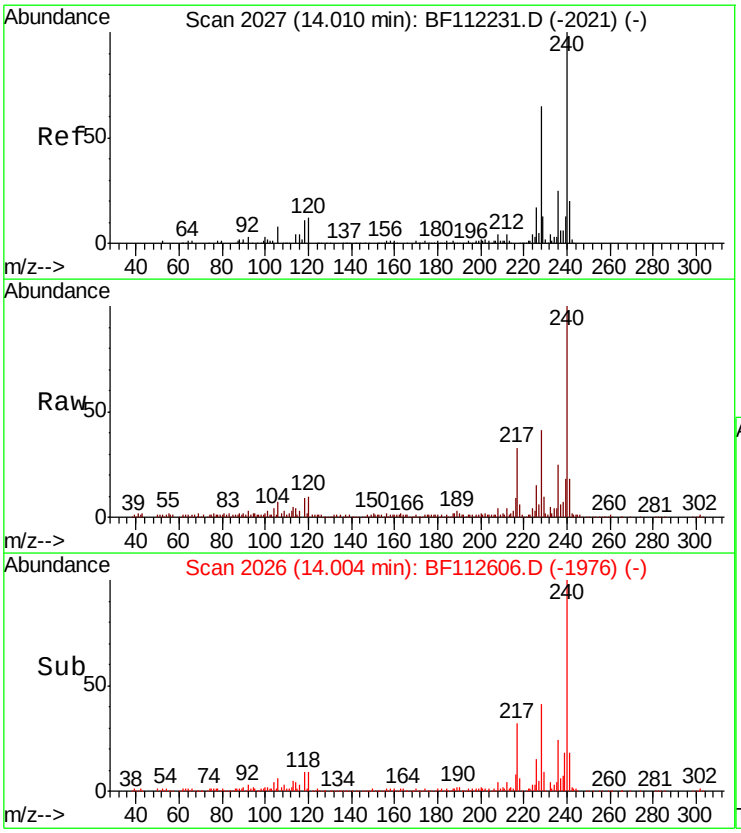
#75
Fluoranthene
Concen: 101.761 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:202 Resp: 1278391

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.8
203	17.9	0.0	38.4

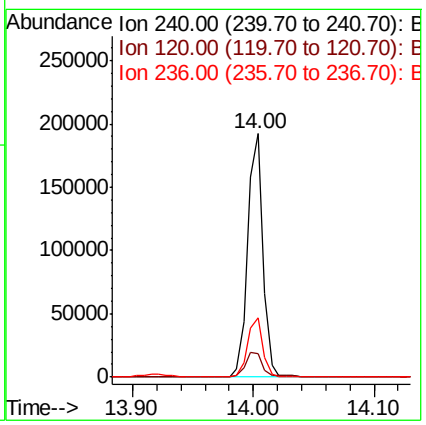


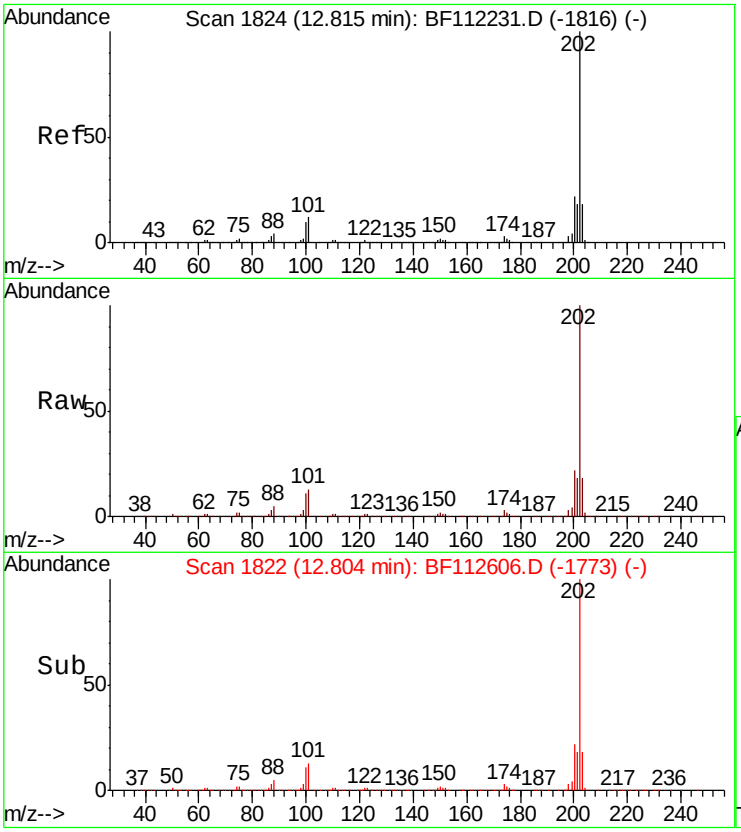


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:240 Resp: 171481

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.0	13.6
236	24.6	20.7	31.1



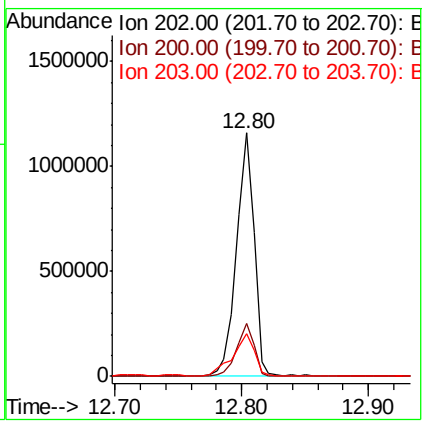


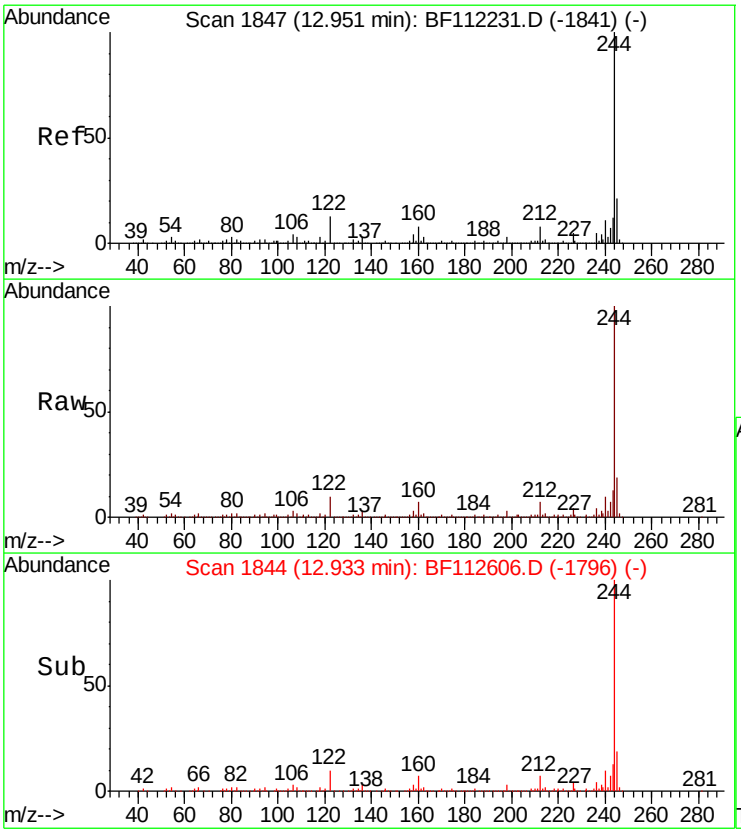
#78
Pyrene
Concen: 92.595 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:202 Resp: 1099322

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.8	14.6	22.0

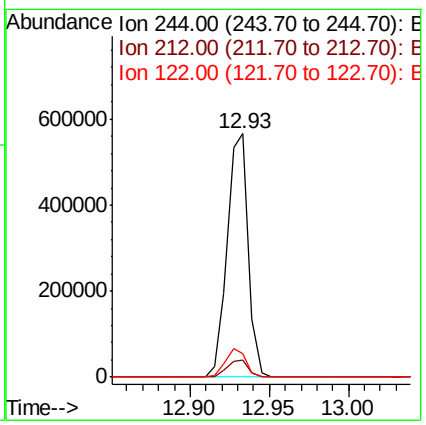


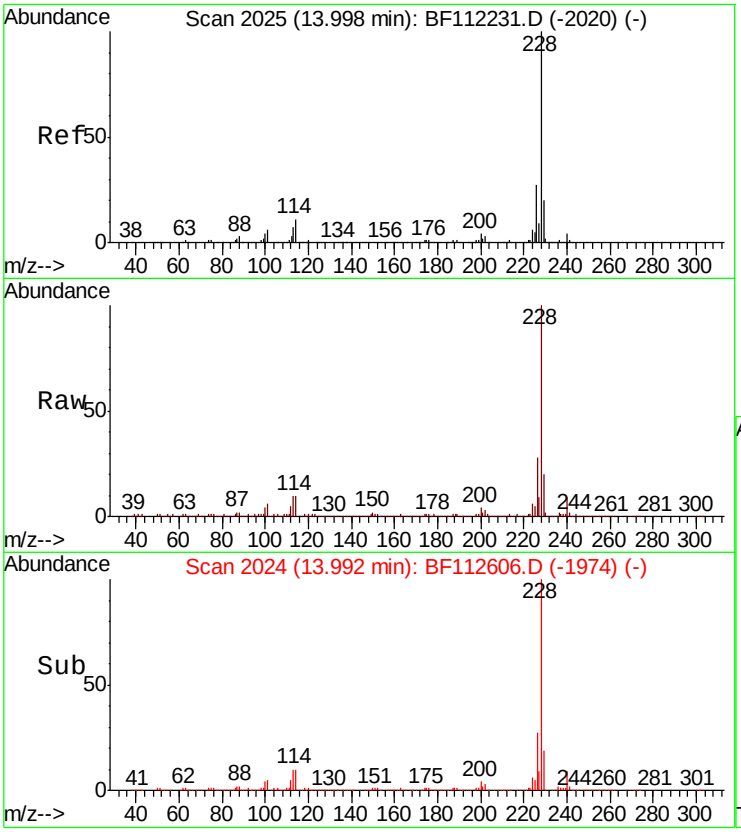


#79
Terphenyl-d14
Concen: 57.158 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:244 Resp: 520405

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	9.7	9.8	14.6#



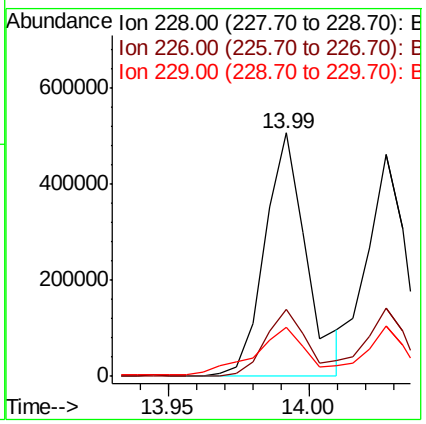


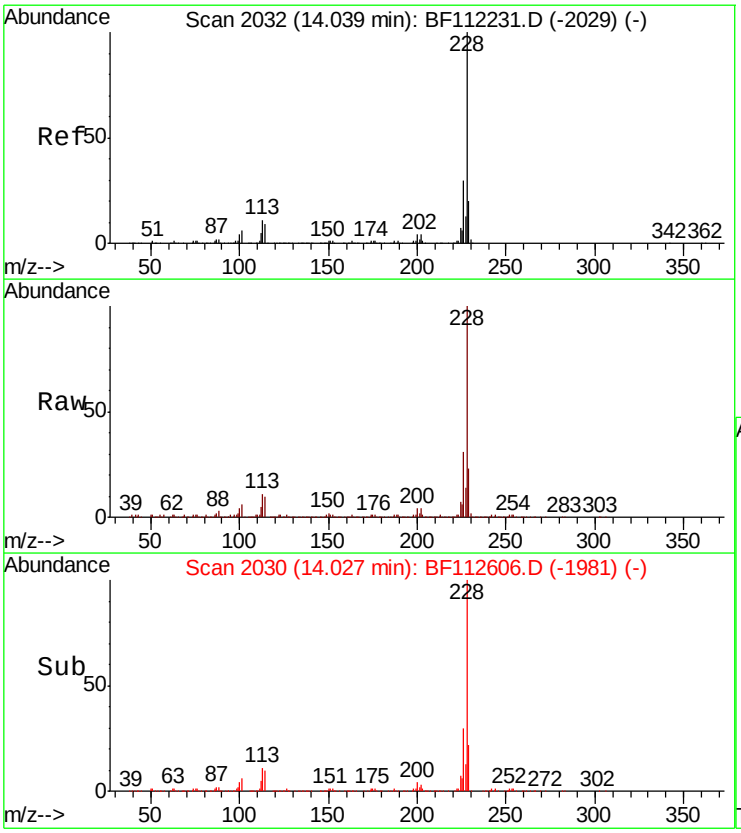
#81
Benzo(a)anthracene
Concen: 51.041 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:228 Resp: 514521

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	34.0
229	20.0	16.5	24.7

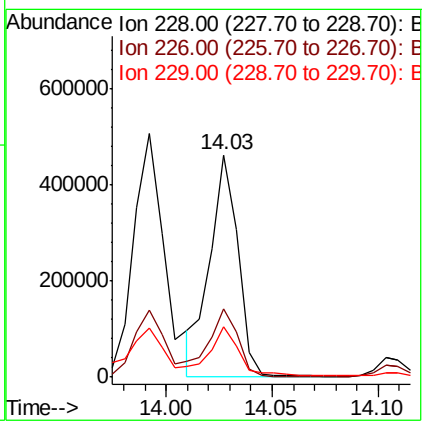


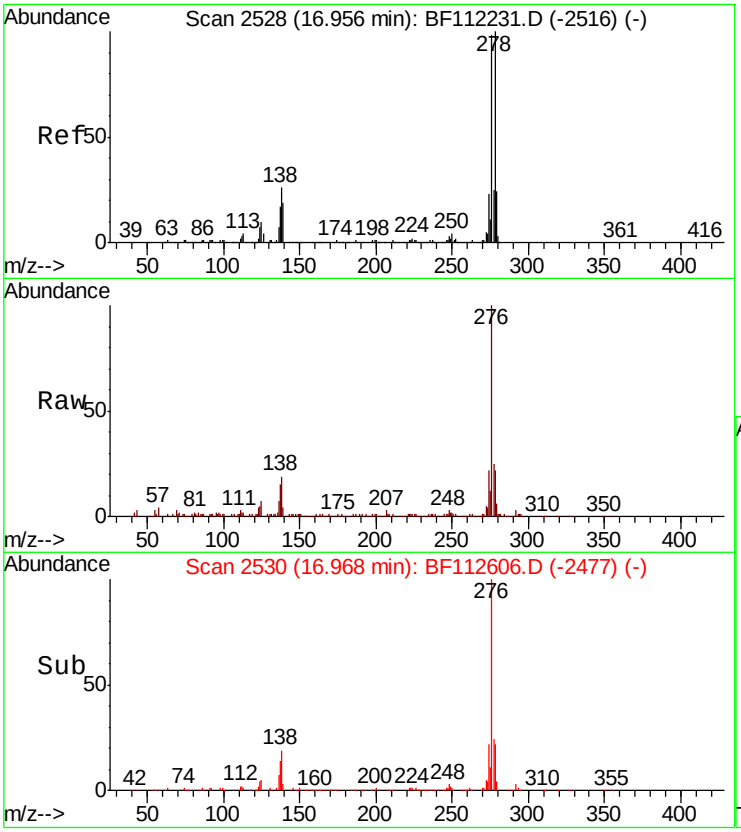


#83
Chrysene
Concen: 44.484 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:228 Resp: 428047

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.7	16.6	24.8



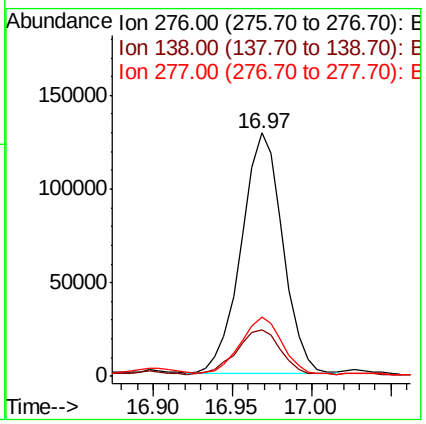


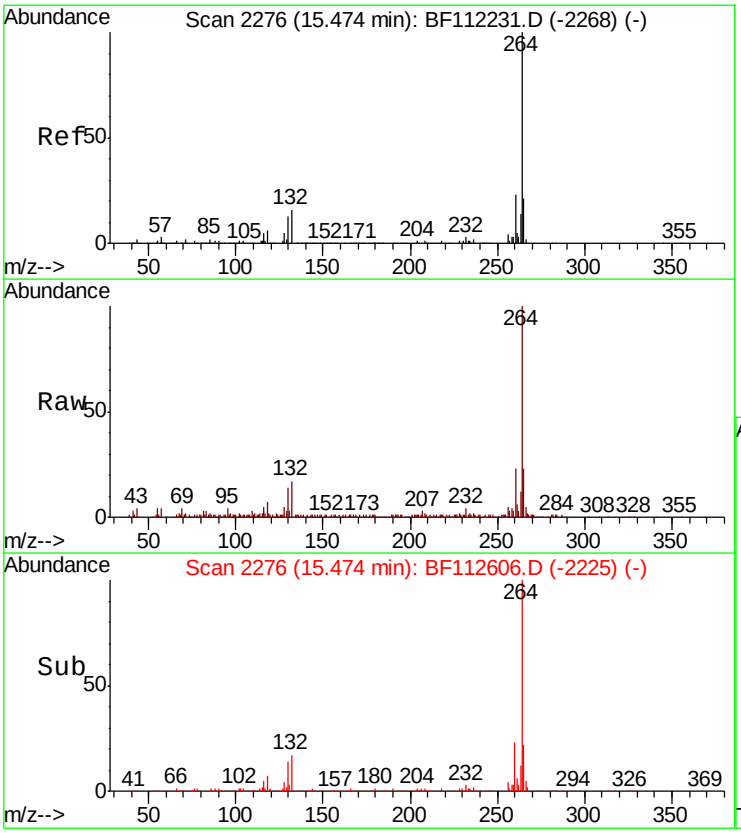
#86
Indeno(1,2,3-cd)pyrene
Concen: 30.508 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:276 Resp: 232615

Ion	Ratio	Lower	Upper
276	100		
138	20.7	22.6	34.0#
277	24.4	20.3	30.5

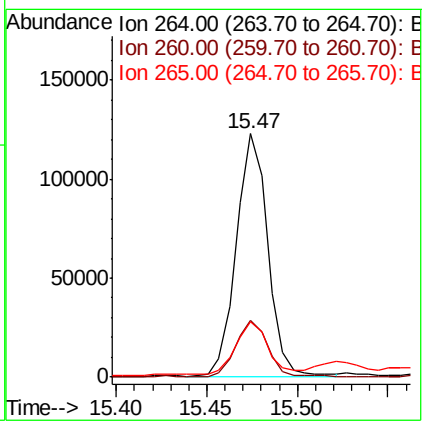


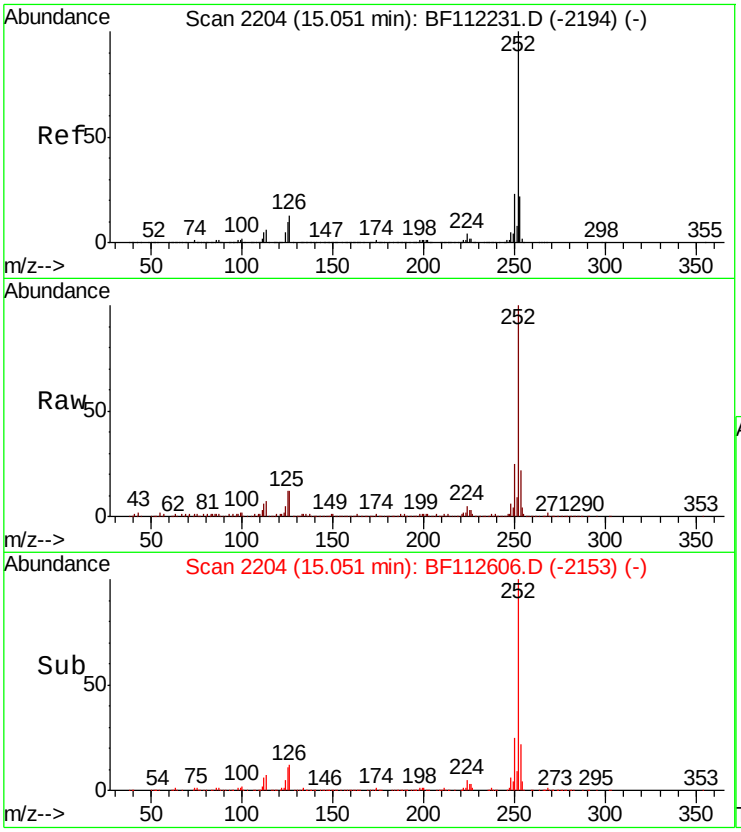


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:264 Resp: 147538

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	22.6	17.0	25.4



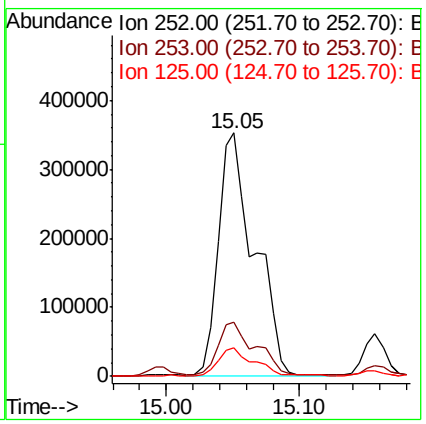


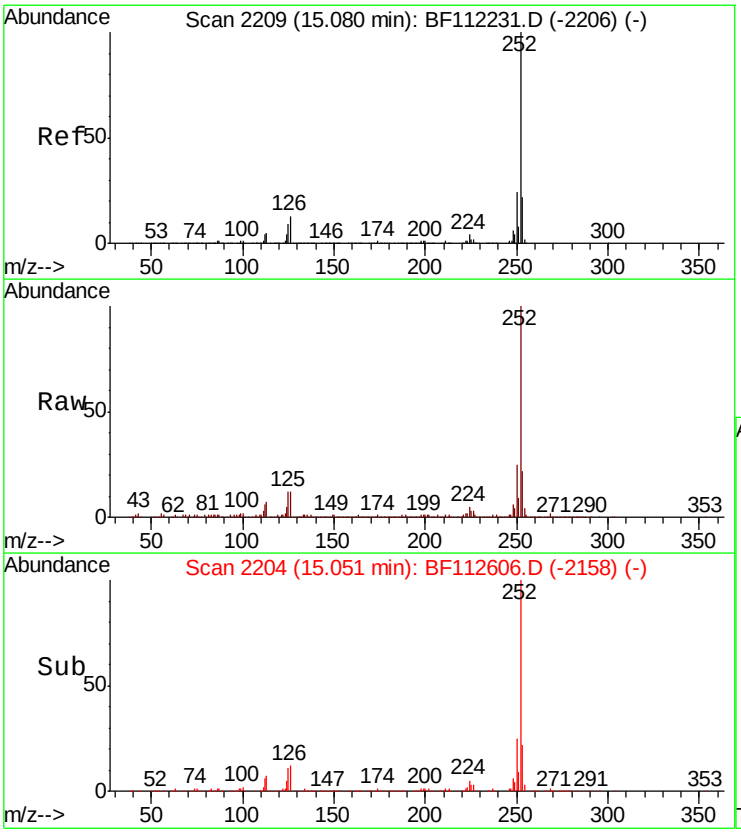
#88
Benzo(b)fluoranthene
Concen: 74.739 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:252 Resp: 659460

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.6	8.7	13.1

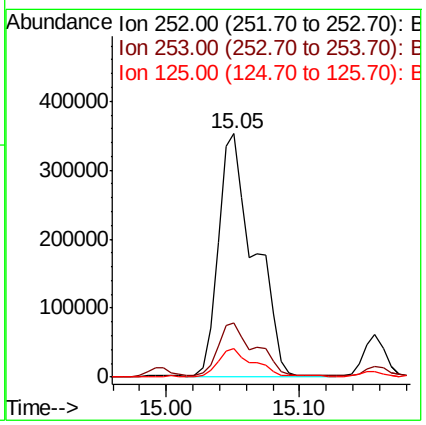


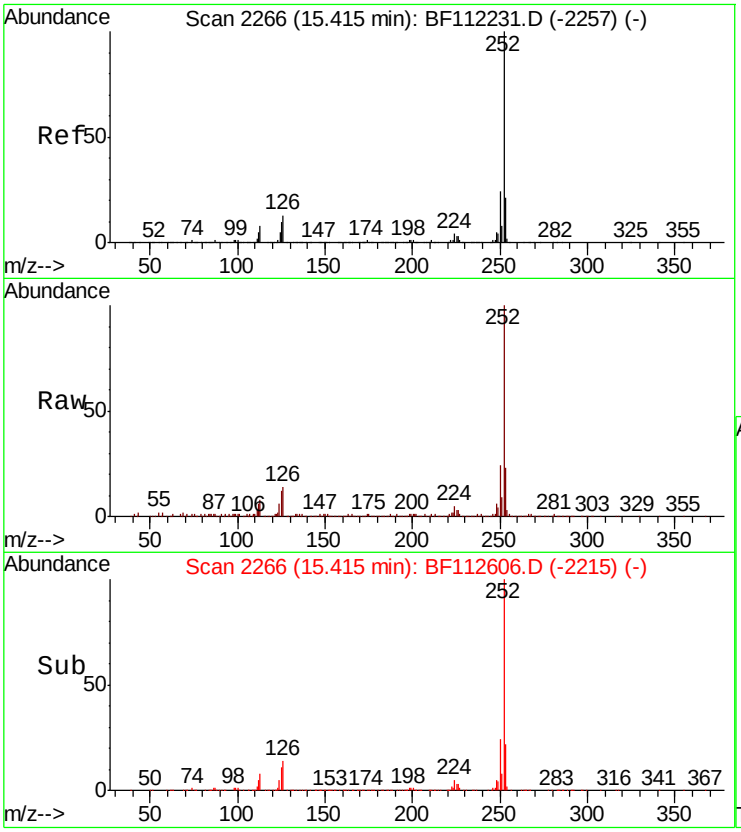


#89
Benzo(k)fluoranthene
Concen: 78.028 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:252 Resp: 659460

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.6	9.1	13.7



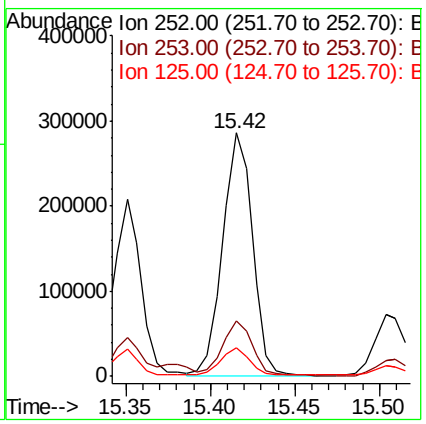


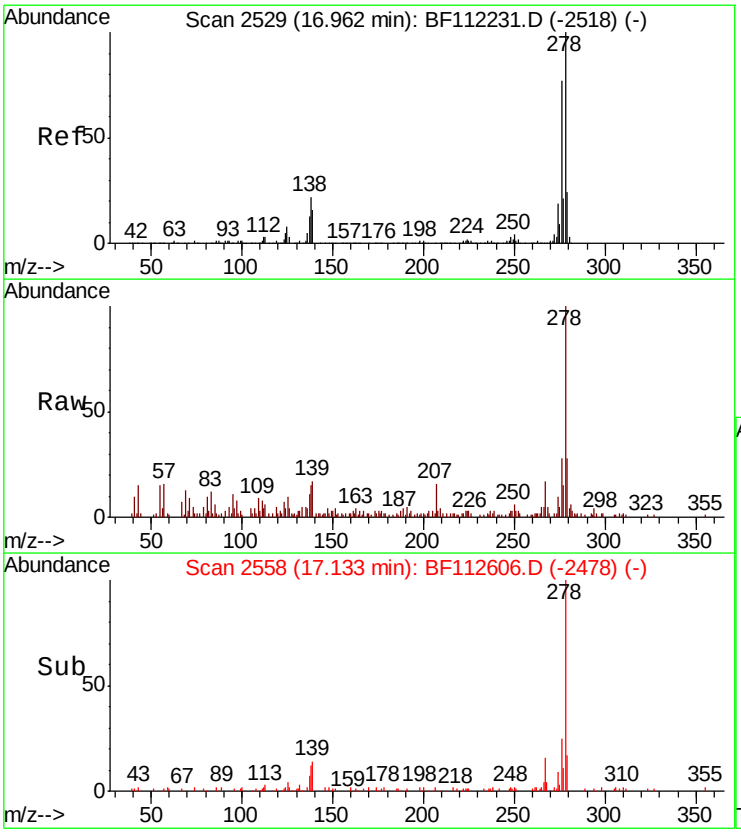
#90
Benzo(a)pyrene
Concen: 44.015 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:252 Resp: 349445

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.6	9.0	13.4

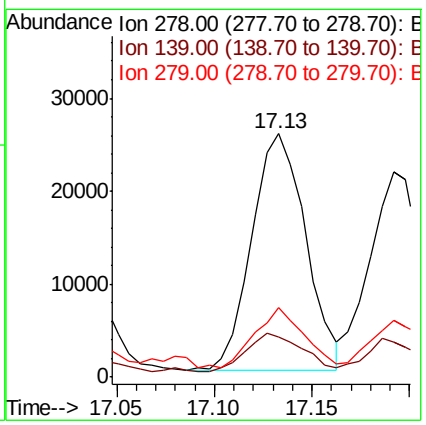


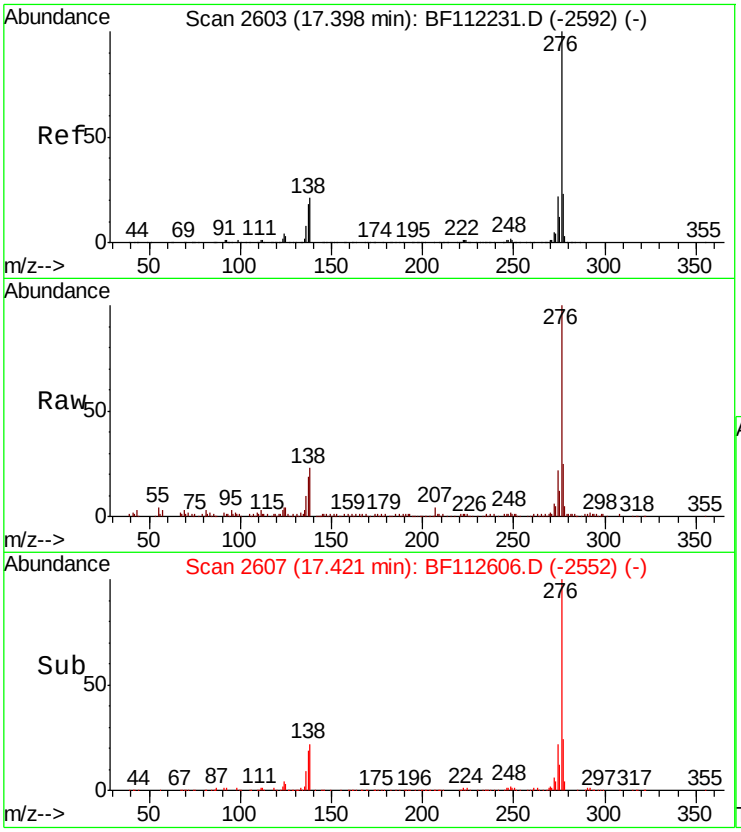


#91
Dibenzo(a,h)anthracene
Concen: 7.587 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.17 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Tgt Ion:278 Resp: 48544

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.7	20.5
279	28.4	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 35.645 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.02 min
Lab File: BF112606.D
Acq: 18 Feb 2019 17:39

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Tgt Ion:276 Resp: 215180

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	22.7	19.1	28.7