Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111536.D
Acq On : 17 Dec 2018 13:44
Operator : JU/SJ
Sample : J6386-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-0612-01

Quant Time: Dec 18 04:08:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145610	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	529102	20.00	ng		-0.01
39) Acenaphthene-d10	9.82	164	220797	20.00	ng		-0.01
64) Phenanthrene-d10	11.30	188	357880	20.00	ng		-0.01
76) Chrysene-d12	13.95	240	490258	20.00	ng		0.00
87) Perylene-d12	15.39	264	421128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	918244	104.94	ng		0.00
7) Phenol-d6	6.44	99	1112752	95.60	ng		0.00
23) Nitrobenzene-d5	7.35	82	711962	80.13	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	183830	92.94	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1160739	81.20	ng		-0.01
79) Terphenyl-d14	12.90	244	1222489	58.55	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	80609	6.217	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	93155	12.131	ng	#	80
25) Isophorone	7.35	82	711956	47.357	ng	#	64
49) Acenaphthylene	9.68	152	46887	2.221	ng		95
50) Dimethylphthalate	9.54	163	105763	6.651	ng		95
67) 4-Bromophenyl-phenylether	10.61	248	12700	3.293	ng	#	1
71) Phenanthrene	11.33	178	118922	6.449	ng		93
75) Fluoranthene	12.52	202	116871	6.478	ng		96
78) Pyrene	12.74	202	205623	5.949	ng		96
81) Benzo(a)anthracene	13.97	228	79085	2.967	ng		96
83) Chrysene	13.97	228	79603	2.835	ng		95
88) Benzo(b)fluoranthene	14.97	252	87868	3.579	ng	#	77
89) Benzo(k)fluoranthene	14.97	252	87868	3.745	ng	#	76
90) Benzo(a)pyrene	15.33	252	70513	3.185	ng	#	83
92) Benzo(g,h,i)perylene	17.23	276	41095	2.397	ng		98

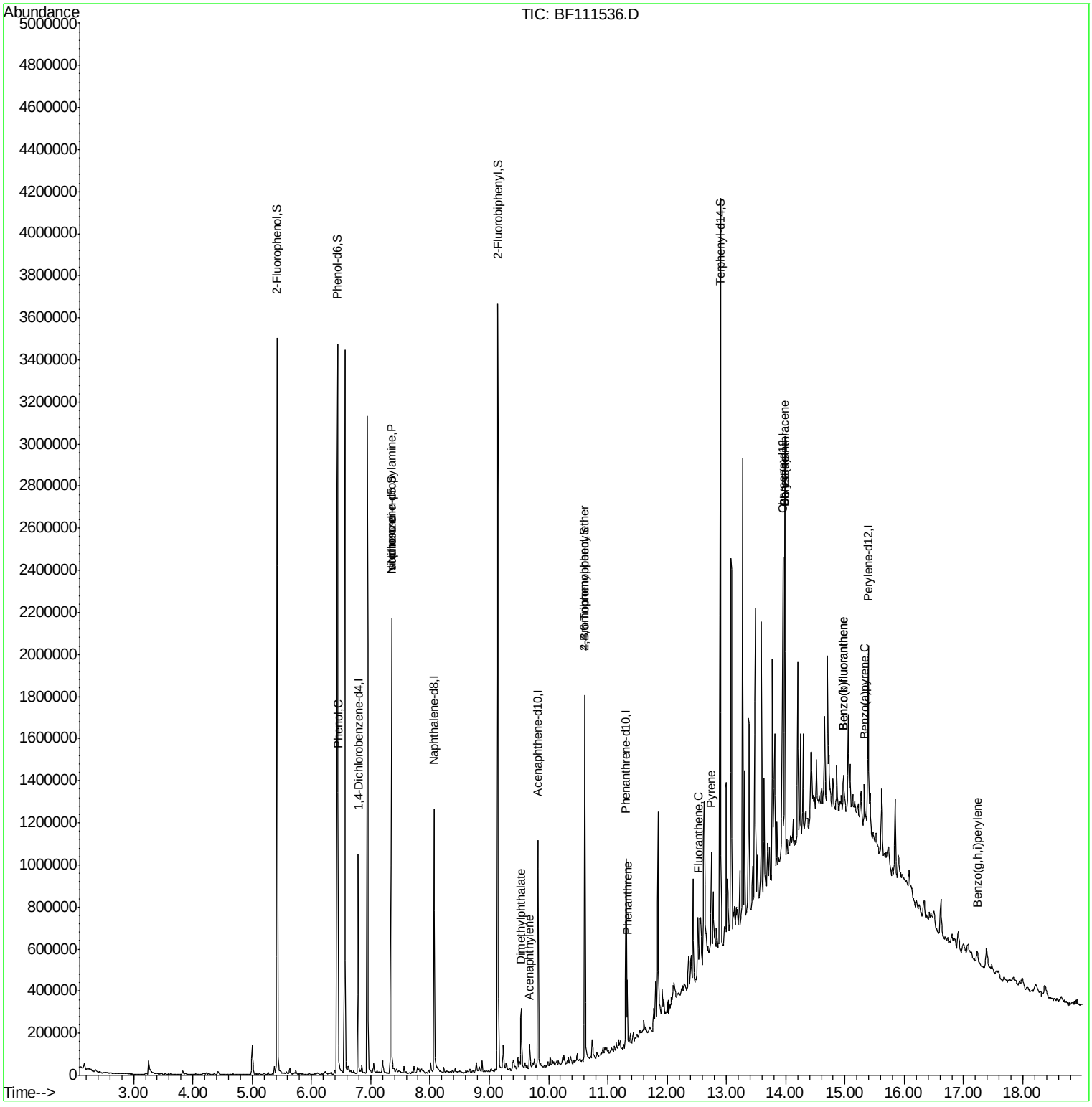
(#) = qualifier out of range (m) = manual integration (+) = signals summed

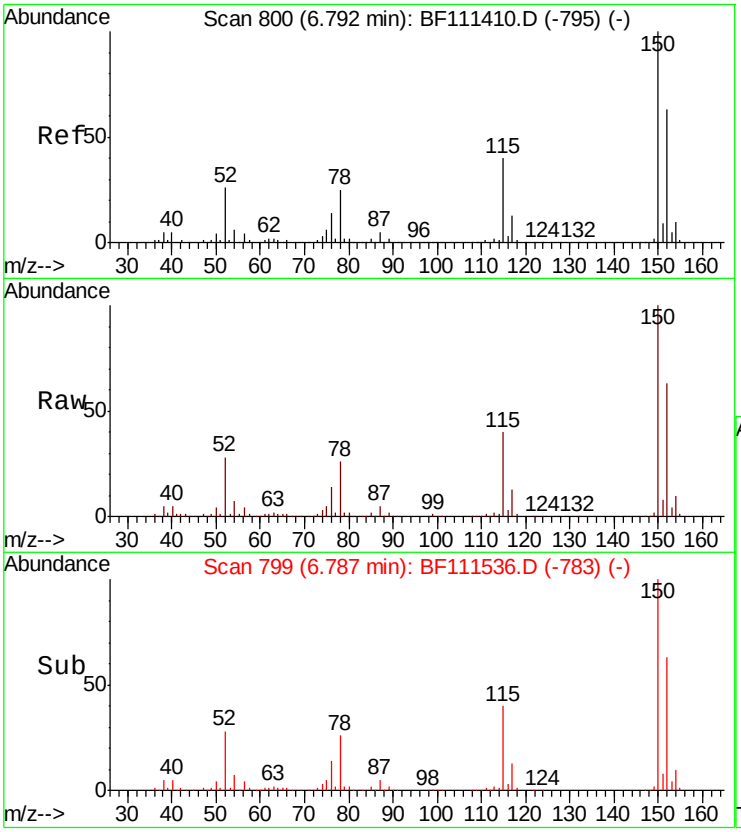
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111536.D
Acq On : 17 Dec 2018 13:44
Operator : JU/SJ
Sample : J6386-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Quant Time: Dec 18 04:08:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



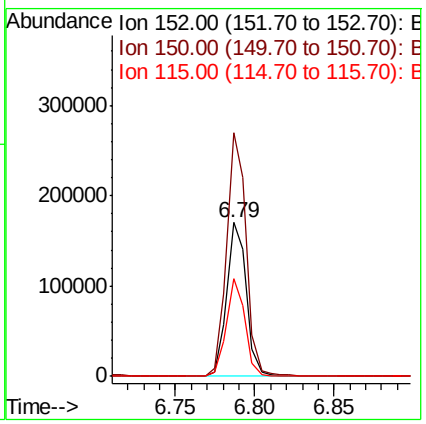


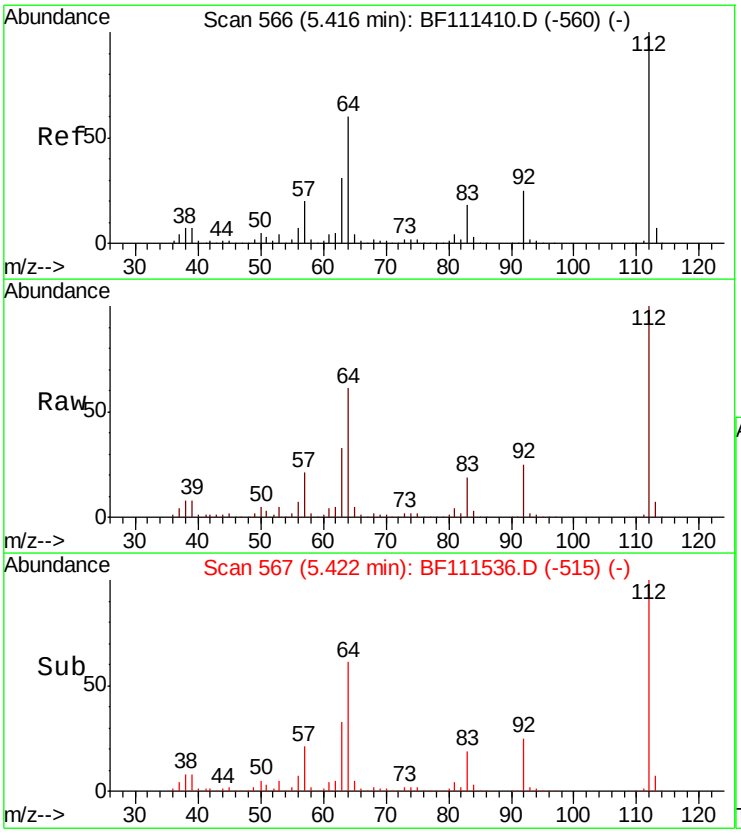
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion:152 Resp: 145610

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.6	189.8
115	63.5	50.7	76.1

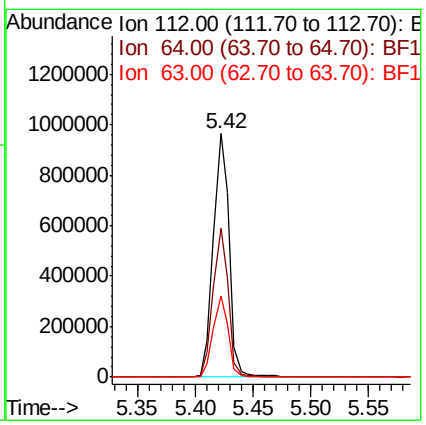


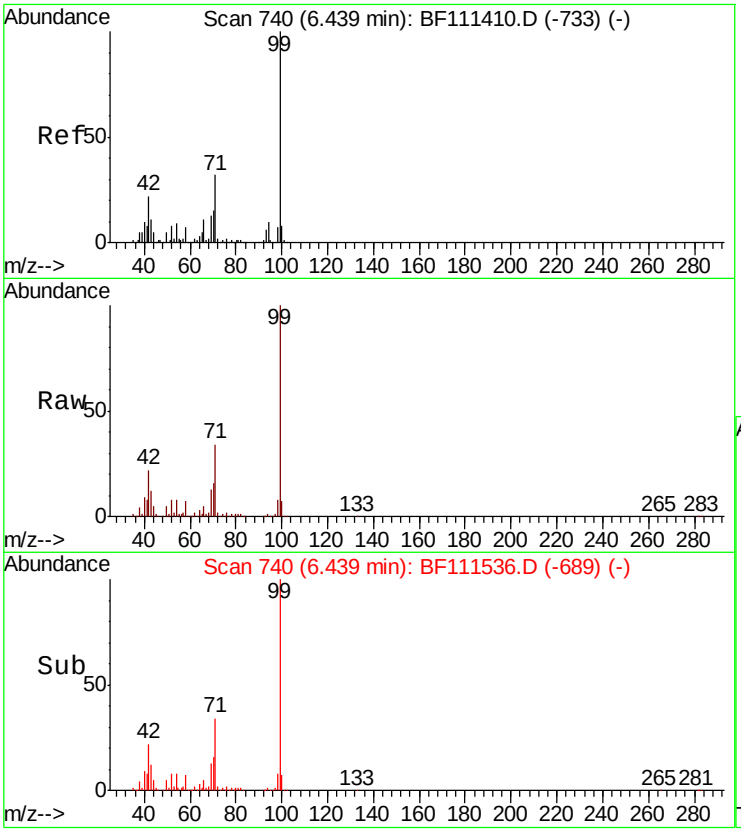


#5
2-Fluorophenol
Concen: 104.939 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion:112 Resp: 918244

Ion	Ratio	Lower	Upper
112	100		
64	61.0	51.8	77.6
63	33.2	26.8	40.2



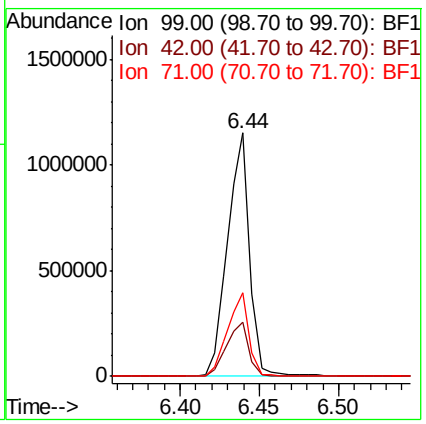


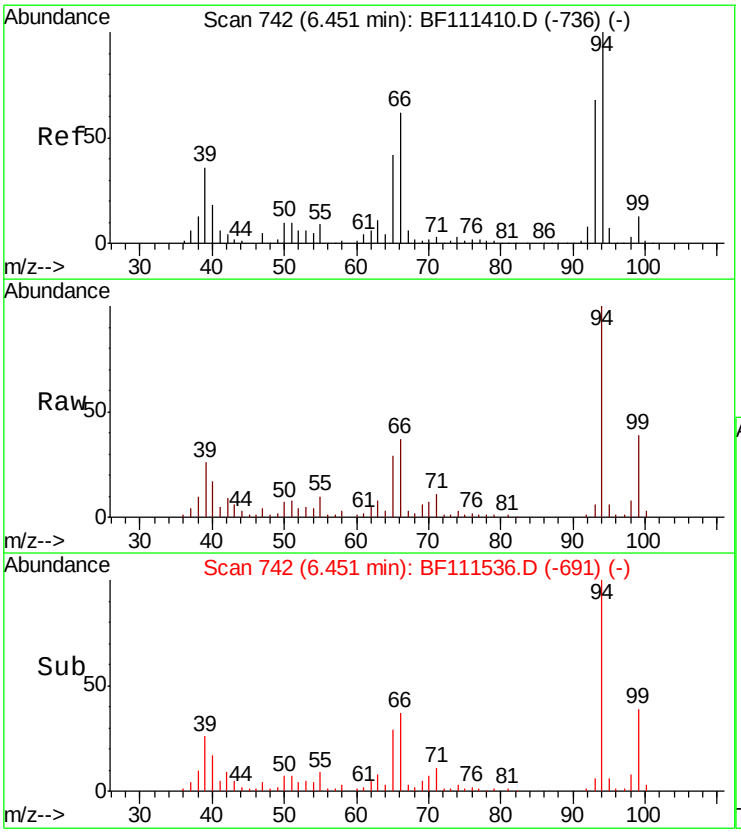
#7
Phenol-d6
Concen: 95.602 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion: 99 Resp: 1112752

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.4	26.0
71	34.5	26.1	39.1

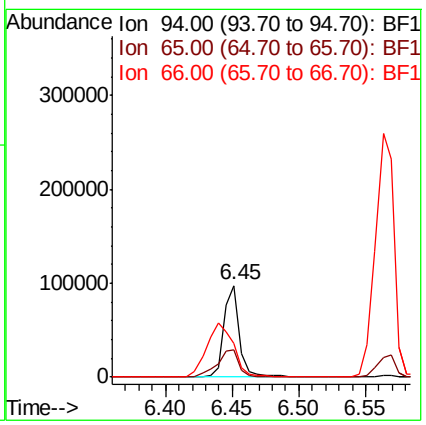


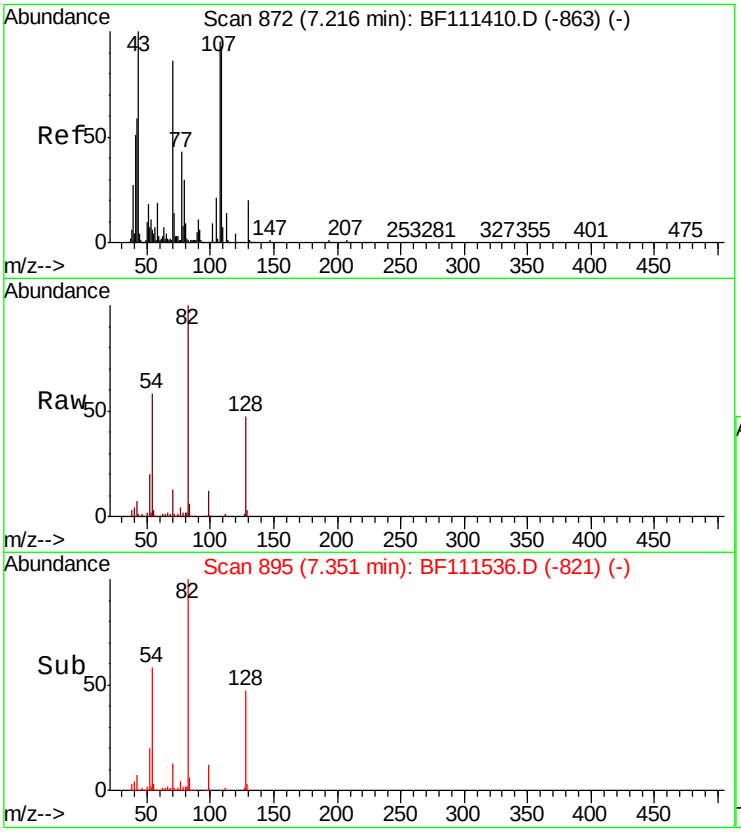


#10
Phenol
Concen: 6.217 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion: 94 Resp: 80609

Ion	Ratio	Lower	Upper
94	100		
65	29.3	11.7	51.7
66	37.4	21.0	61.0



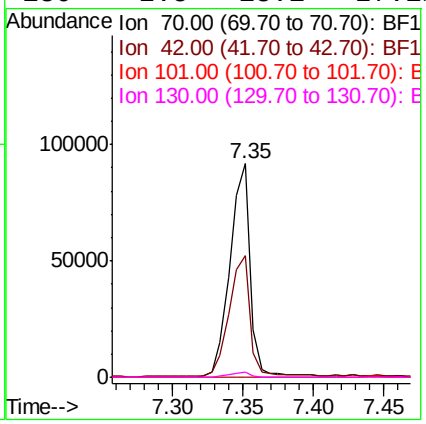


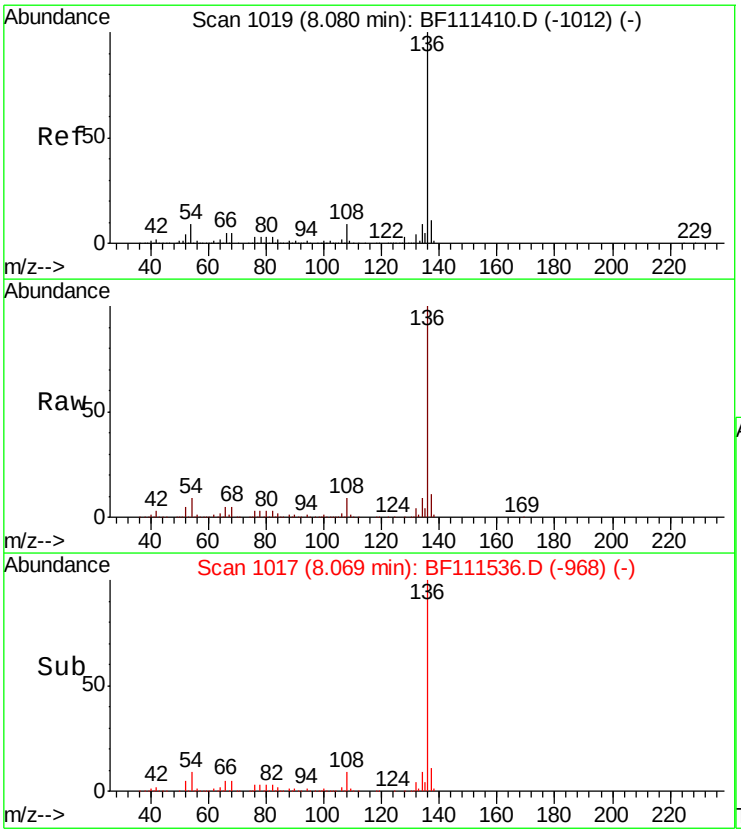
#19
n-Nitroso-di-n-propylamine
Concen: 12.131 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion: 70 Resp: 93155

Ion	Ratio	Lower	Upper
70	100		
42	57.0	53.2	79.8
101	0.0	8.2	12.4#
130	2.5	18.1	27.1#

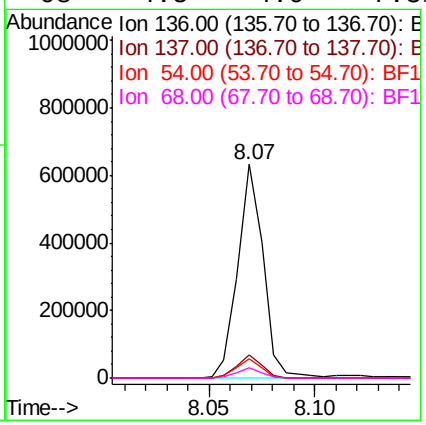


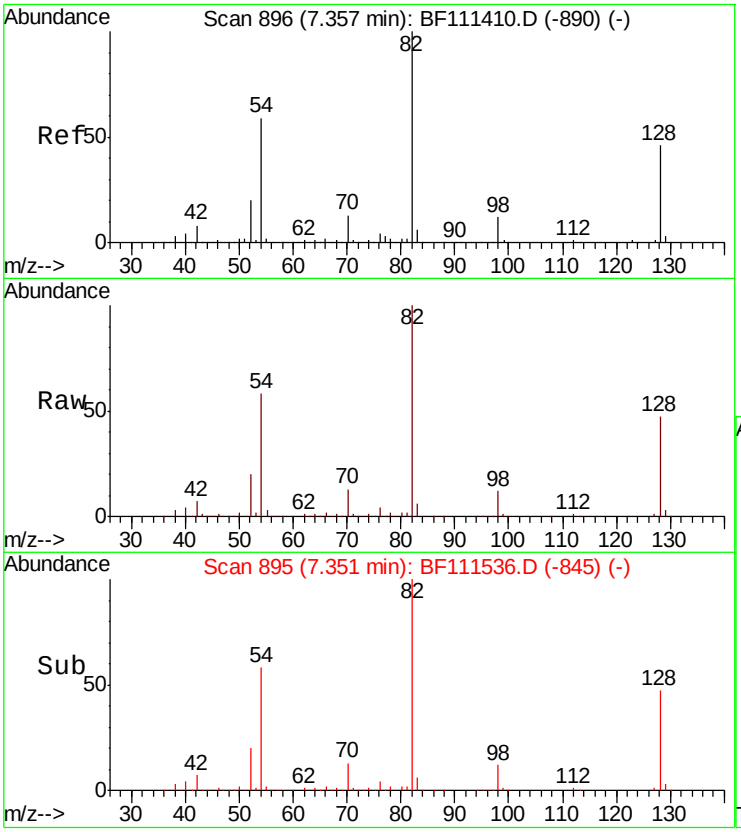


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion:136 Resp: 529102

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.1	7.7	11.5
68	4.5	4.9	7.3#



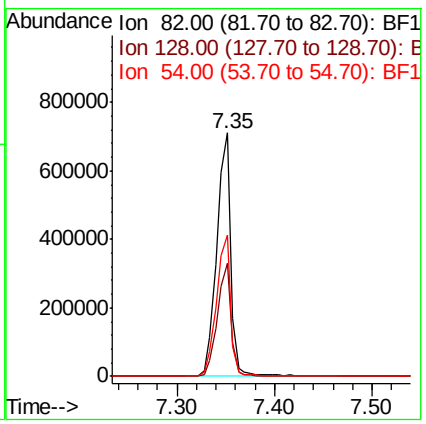


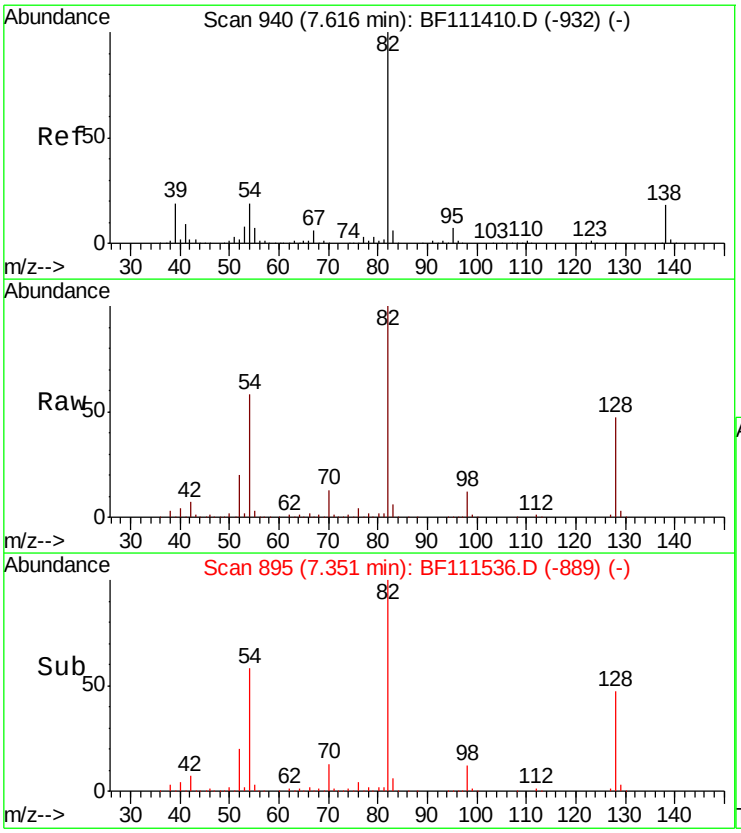
#23
Nitrobenzene-d5
Concen: 80.129 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion: 82 Resp: 711962

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.4	56.2
54	58.3	47.6	71.4

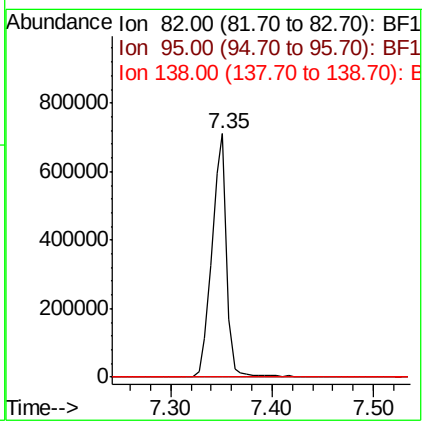


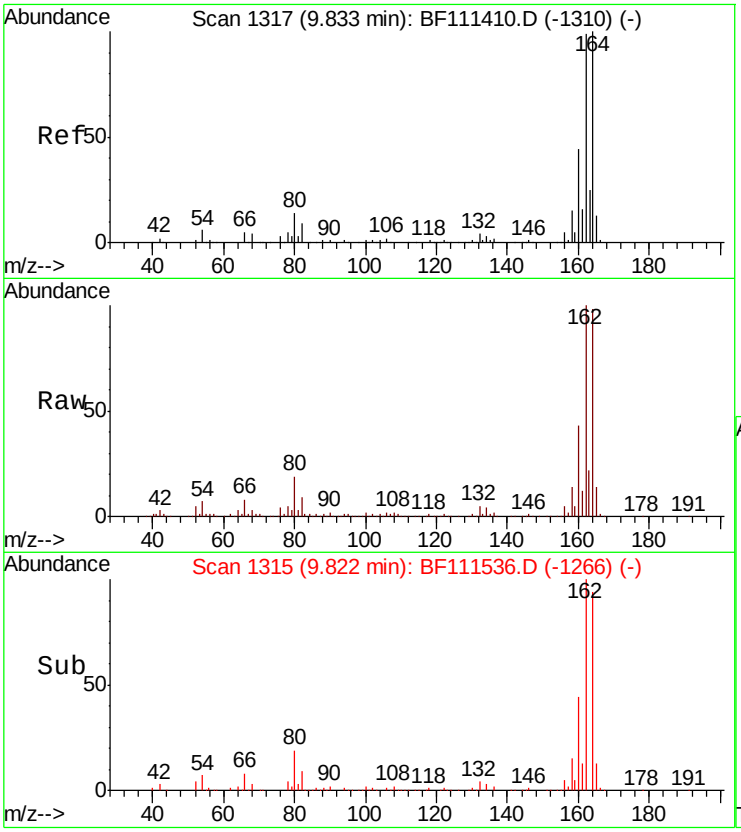


#25
Isophorone
Concen: 47.357 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion: 82 Resp: 711956

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



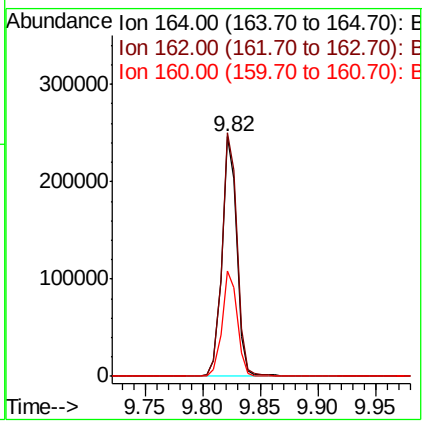


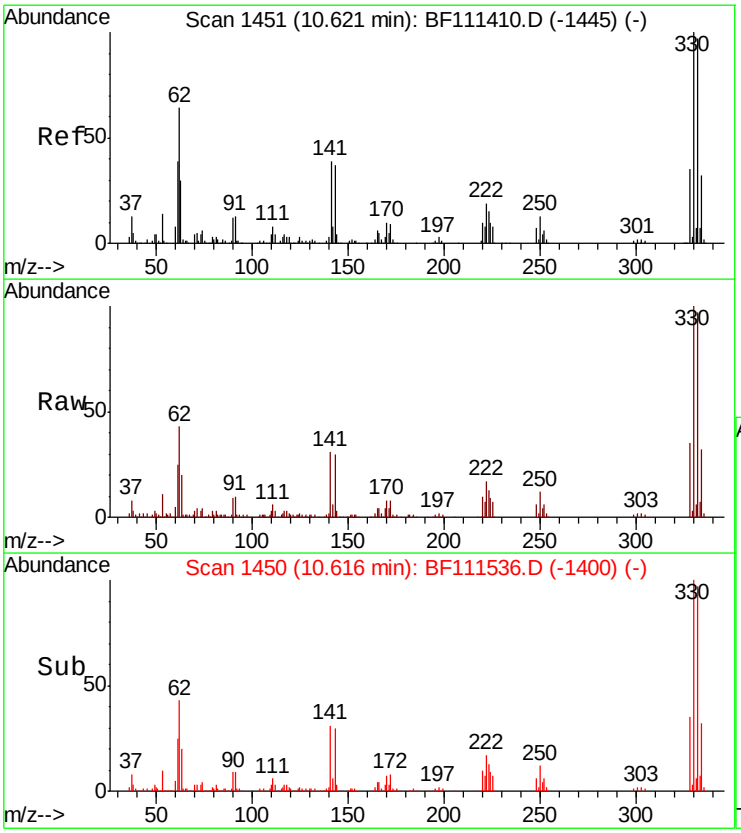
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion:164 Resp: 220797

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	44.0	35.7	53.5

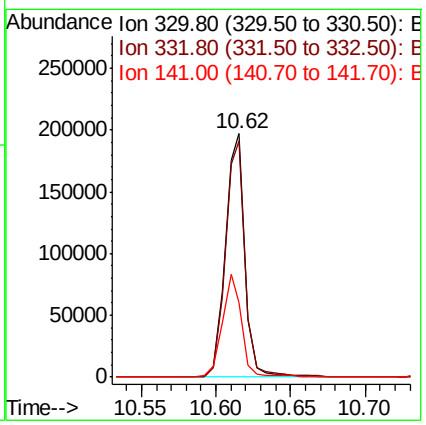


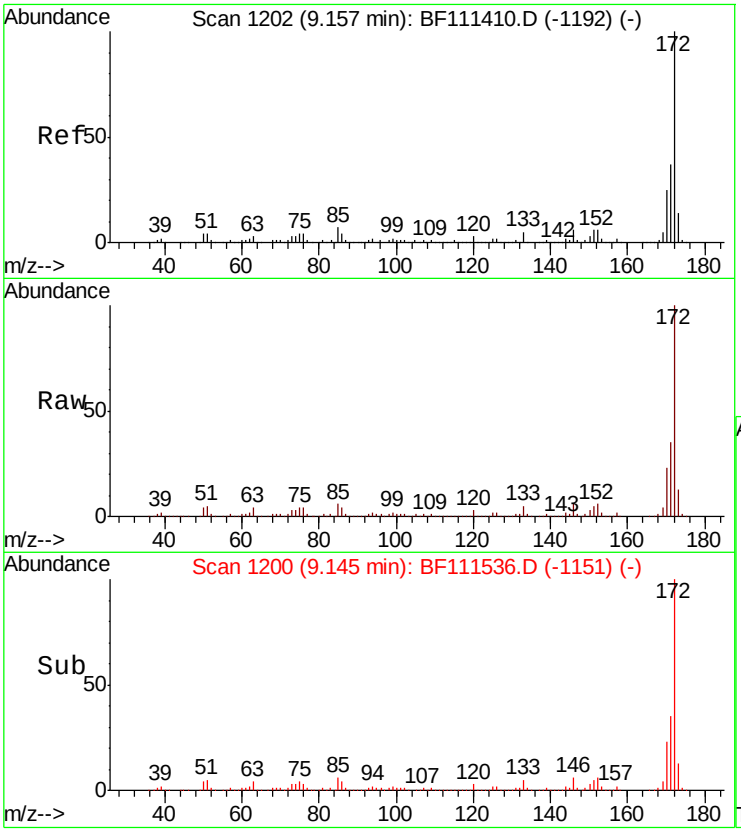


#42
2,4,6-Tribromophenol
Concen: 92.943 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion:330 Resp: 183830

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	41.7	31.0	46.6



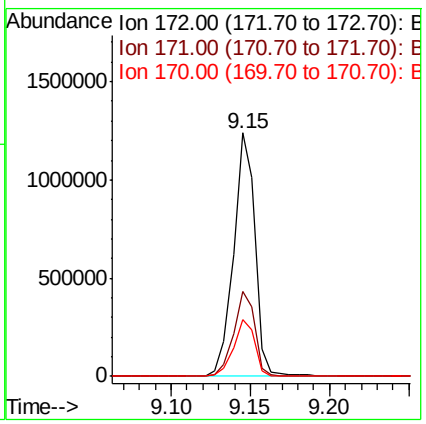


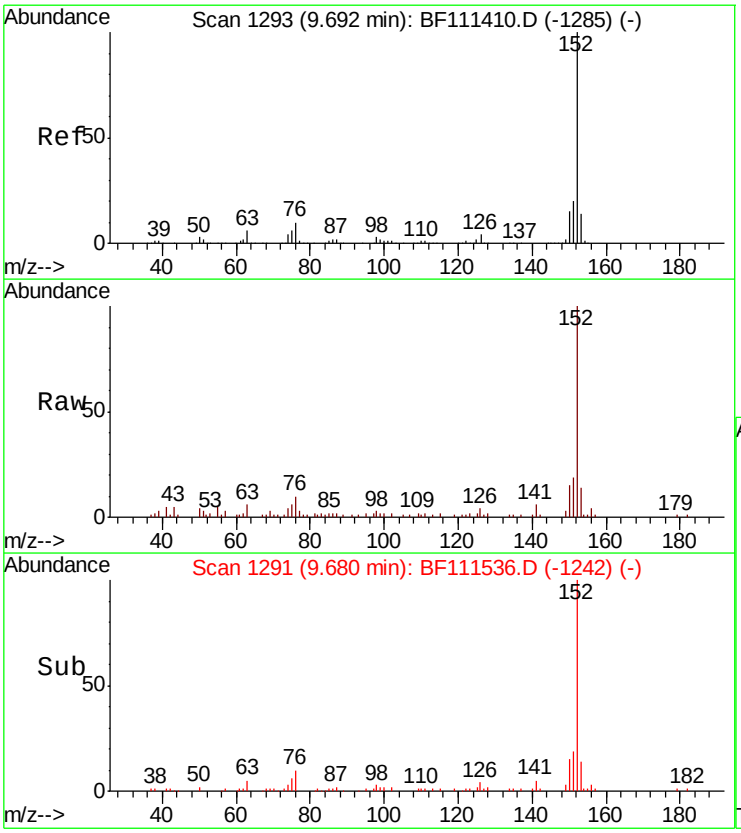
#45
2-Fluorobiphenyl
Concen: 81.202 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion:172 Resp: 1160739

Ion	Ratio	Lower	Upper
172	100		
171	35.1	33.0	49.4
170	23.2	22.3	33.5

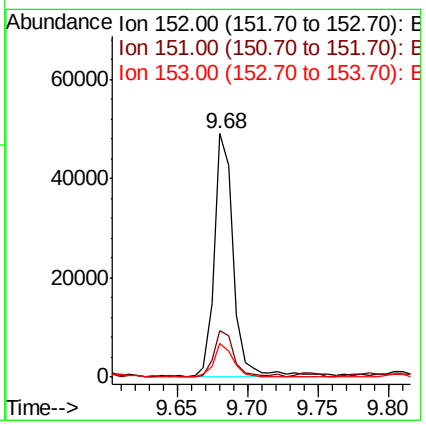


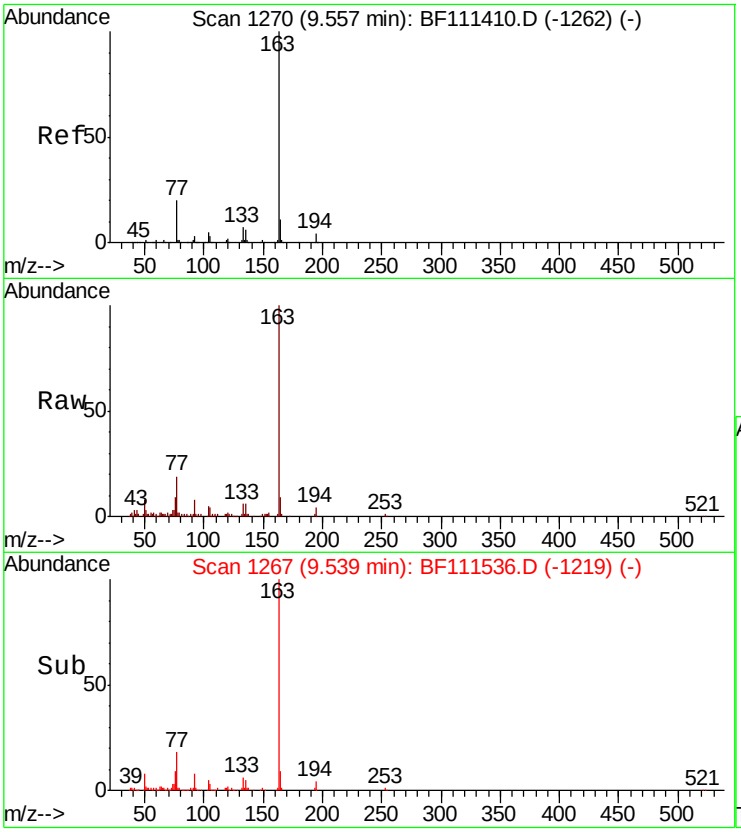


#49
Acenaphthylene
Concen: 2.221 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion:152 Resp: 46887

Ion	Ratio	Lower	Upper
152	100		
151	19.2	18.0	27.0
153	14.0	12.3	18.5



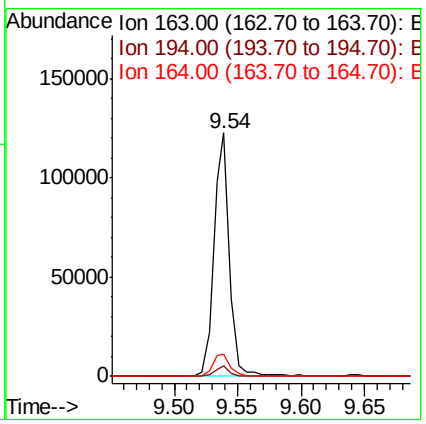


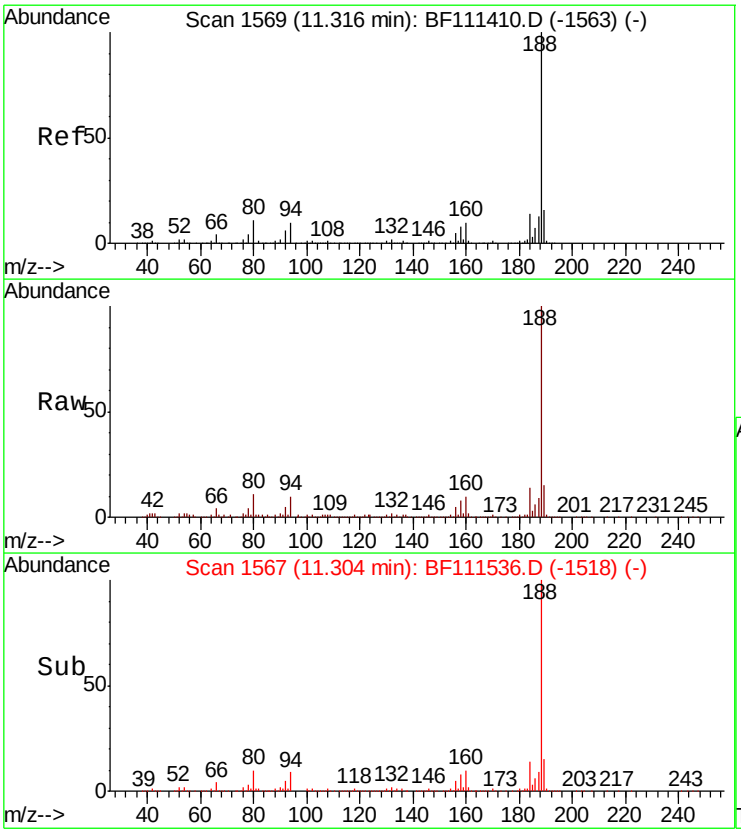
#50
Dimethylphthalate
Concen: 6.651 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion:163 Resp: 105763

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.0	8.9	13.3

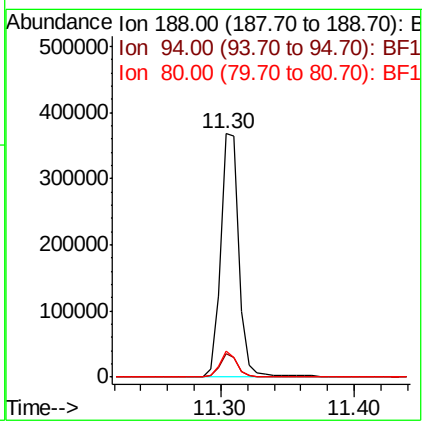


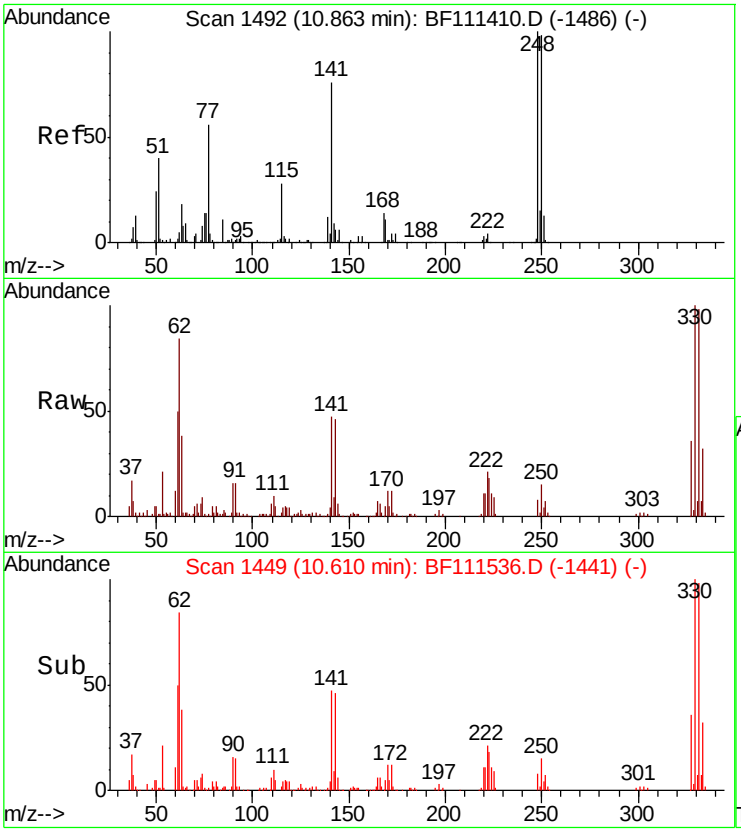


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion:188 Resp: 357880

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.6	14.4#
80	10.6	9.8	14.6



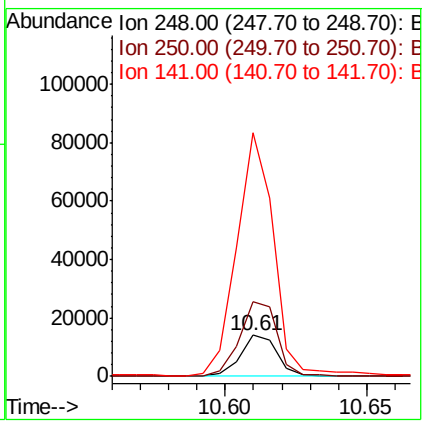


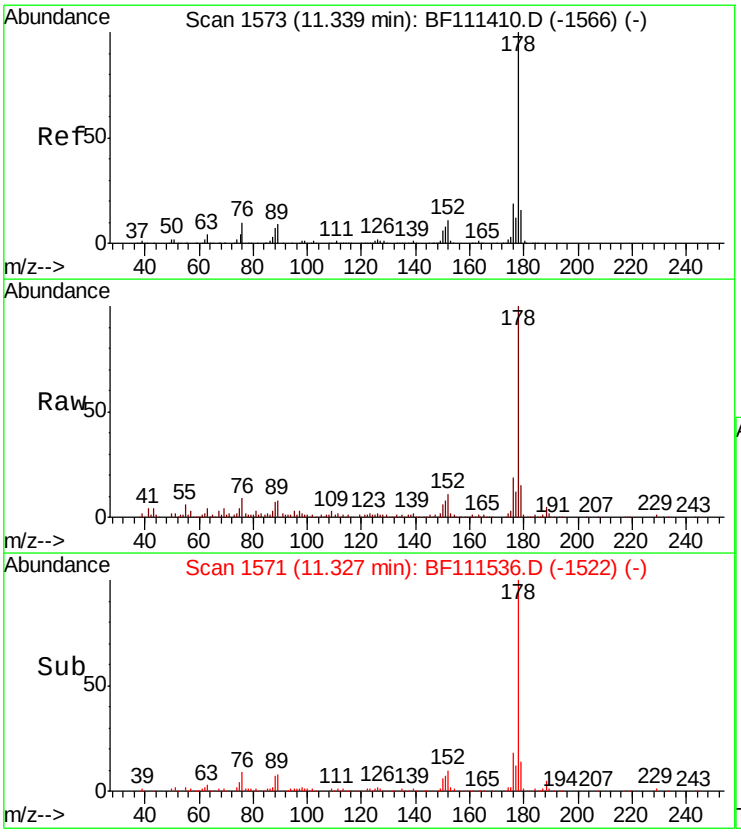
#67
4-Bromophenyl-phenylether
Concen: 3.293 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion:248 Resp: 12700

Ion	Ratio	Lower	Upper
248	100		
250	183.8	77.0	115.4#
141	596.4	63.0	94.6#

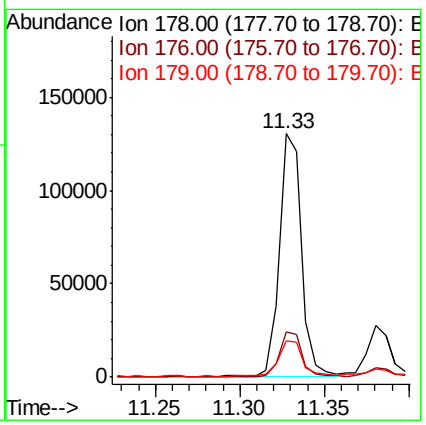


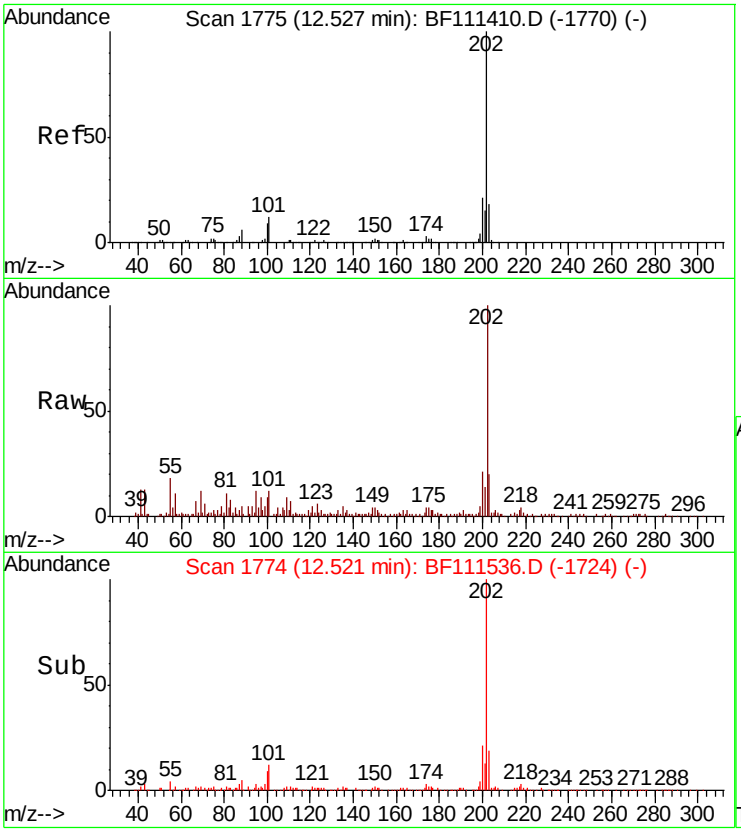


#71
Phenanthrene
Concen: 6.449 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion:178 Resp: 118922

Ion	Ratio	Lower	Upper
178	100		
176	18.6	18.1	27.1
179	14.8	14.0	21.0



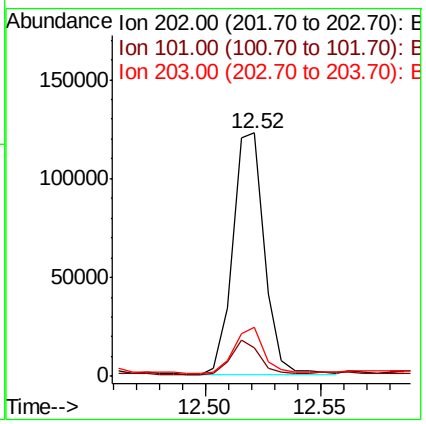


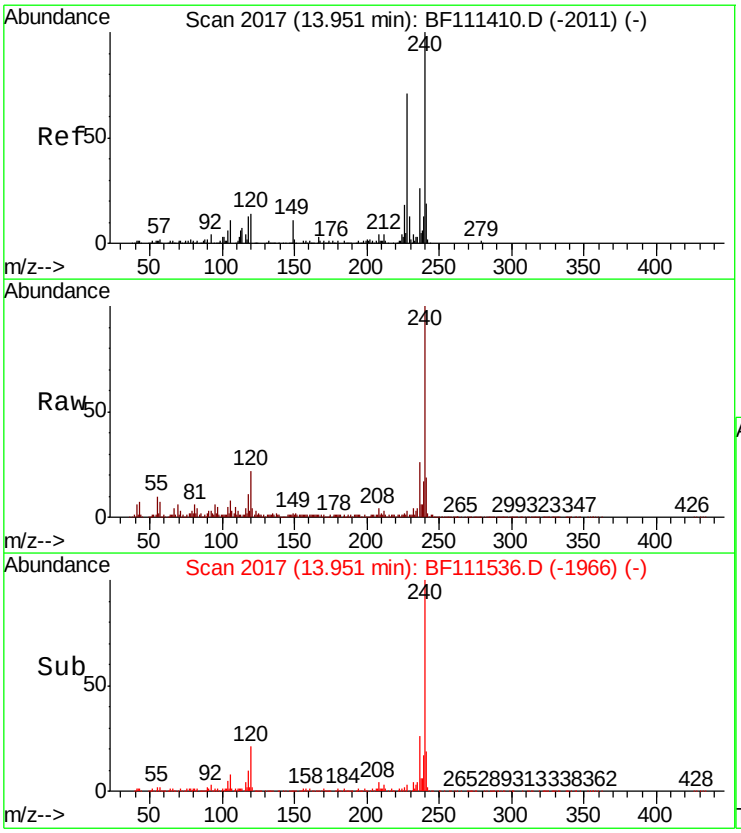
#75
Fluoranthene
Concen: 6.478 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion:202 Resp: 116871

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.8
203	20.2	0.0	38.6

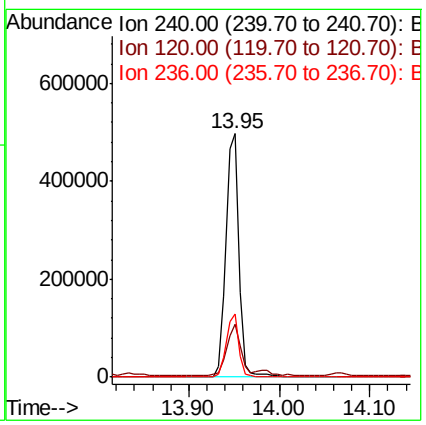


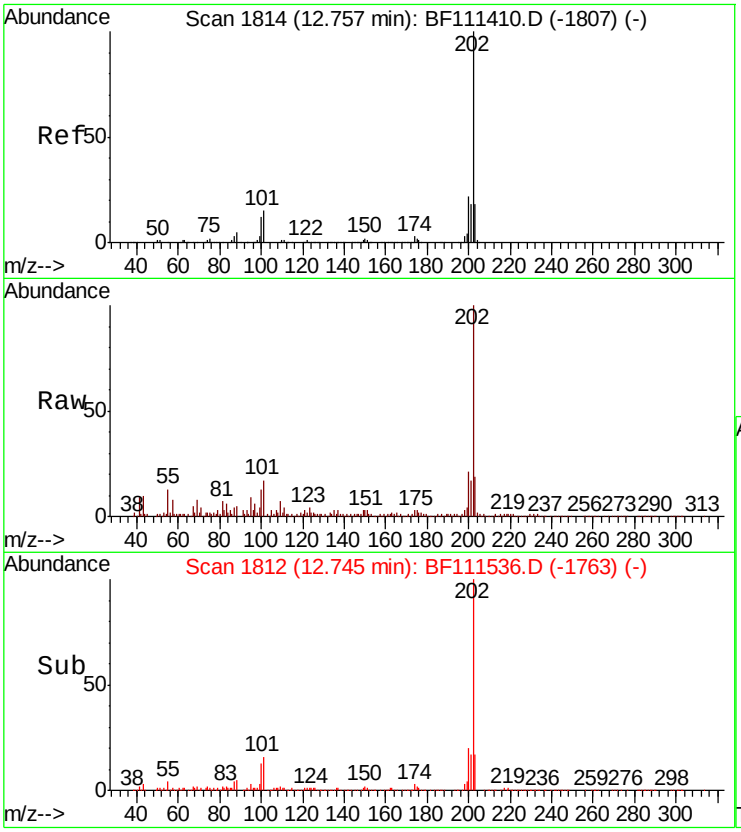


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion:240 Resp: 490258

Ion	Ratio	Lower	Upper
240	100		
120	22.0	12.2	18.2#
236	25.9	20.2	30.2



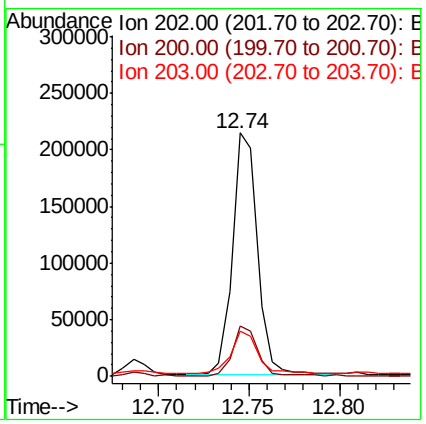


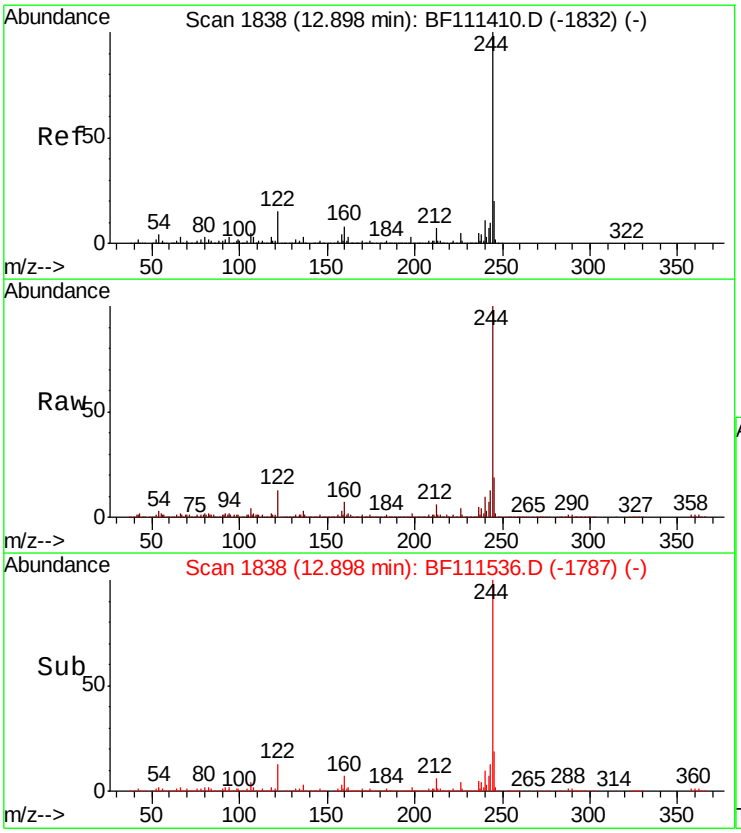
#78
Pyrene
Concen: 5.949 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion:202 Resp: 205623

Ion	Ratio	Lower	Upper
202	100		
200	20.6	19.0	28.4
203	18.8	15.2	22.8

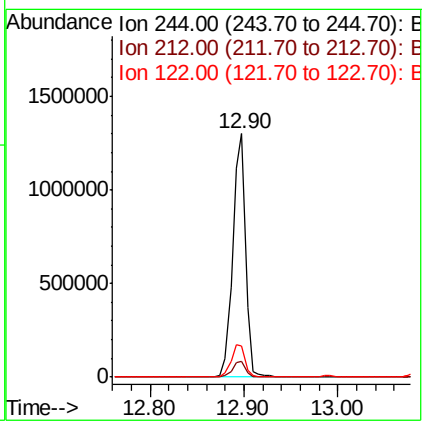


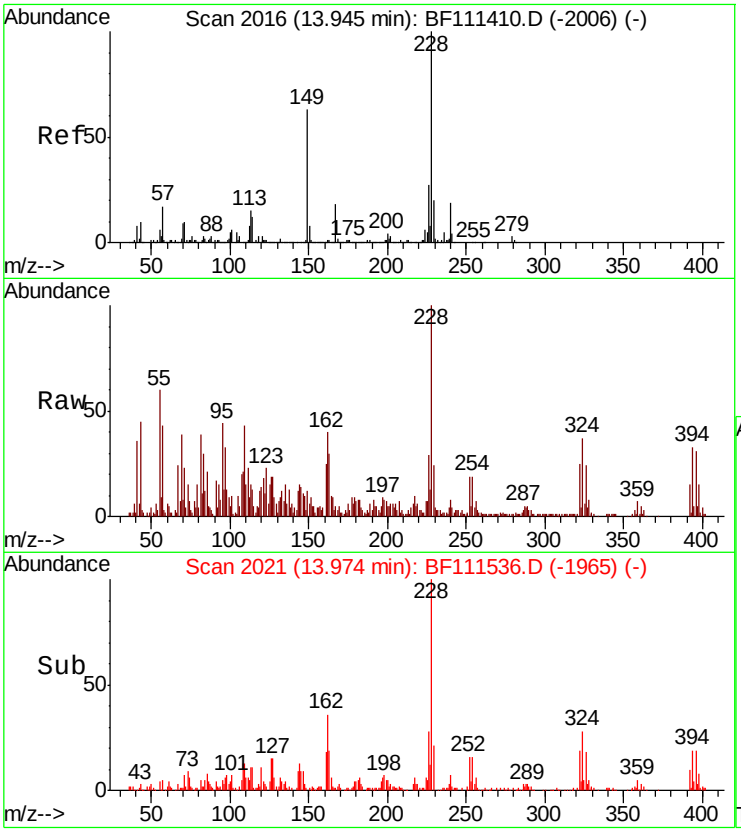


#79
Terphenyl-d14
Concen: 58.555 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion:244 Resp: 1222489

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	12.8	13.1	19.7#



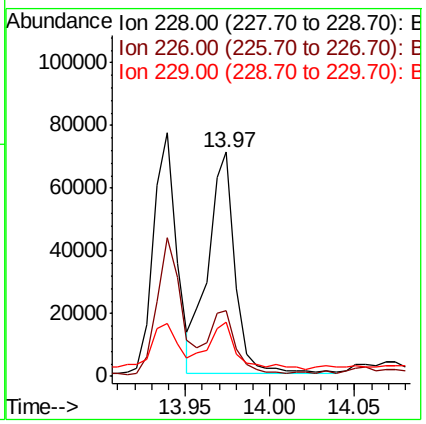


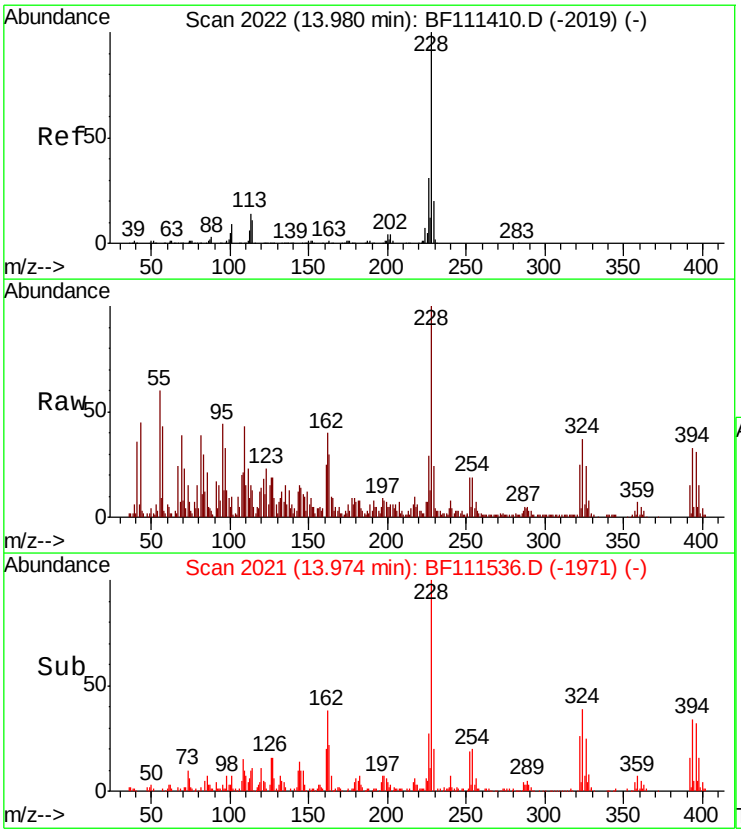
#81
Benzo(a)anthracene
Concen: 2.967 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.03 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion:228 Resp: 79085

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	24.4	16.3	24.5

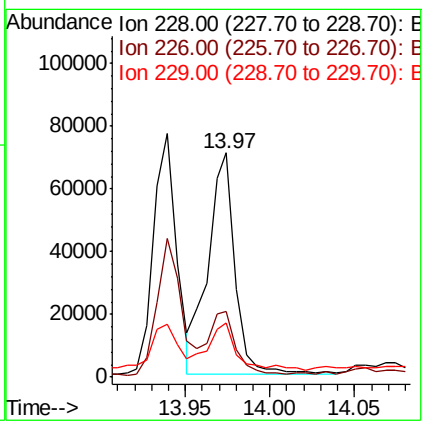


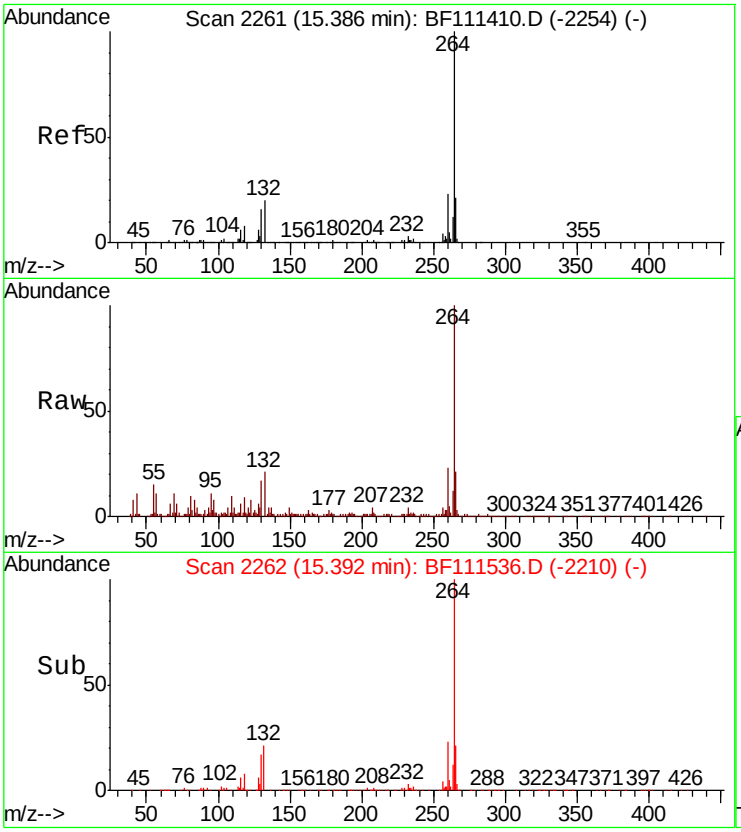


#83
Chrysene
Concen: 2.835 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion:228 Resp: 79603

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.3	37.9
229	24.4	17.2	25.8



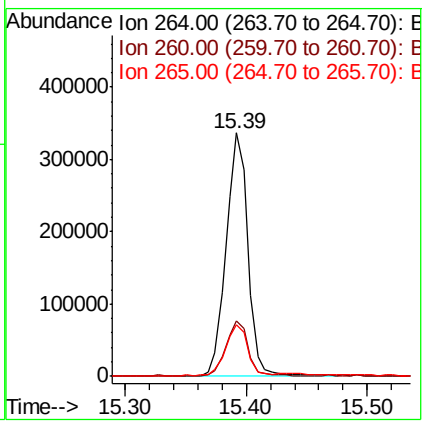


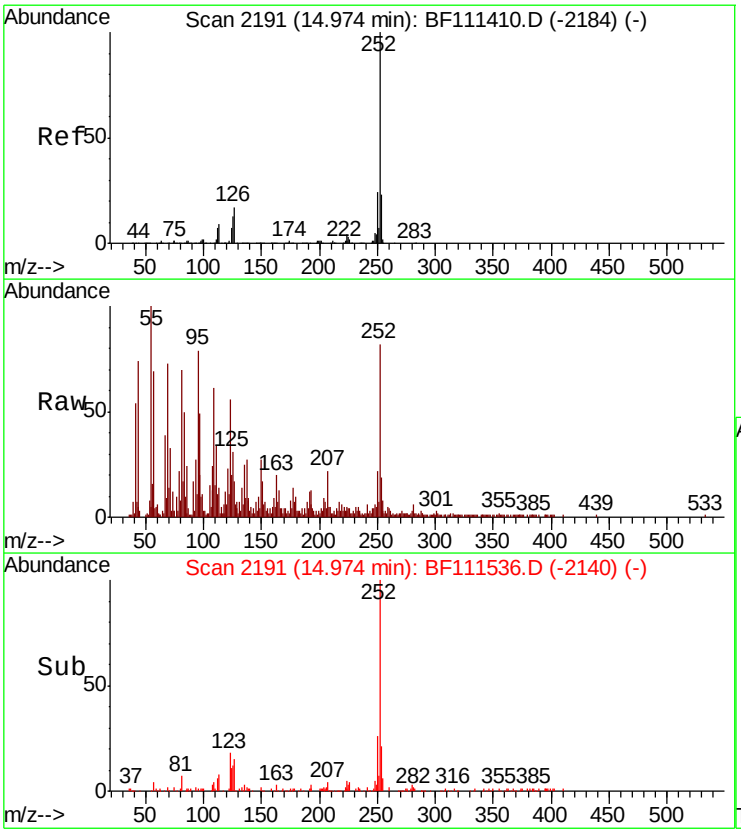
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion:264 Resp: 421128

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.0	17.7	26.5

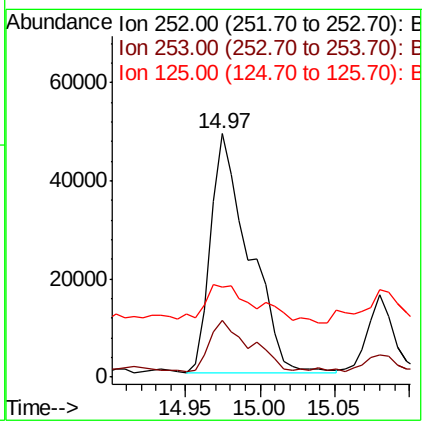


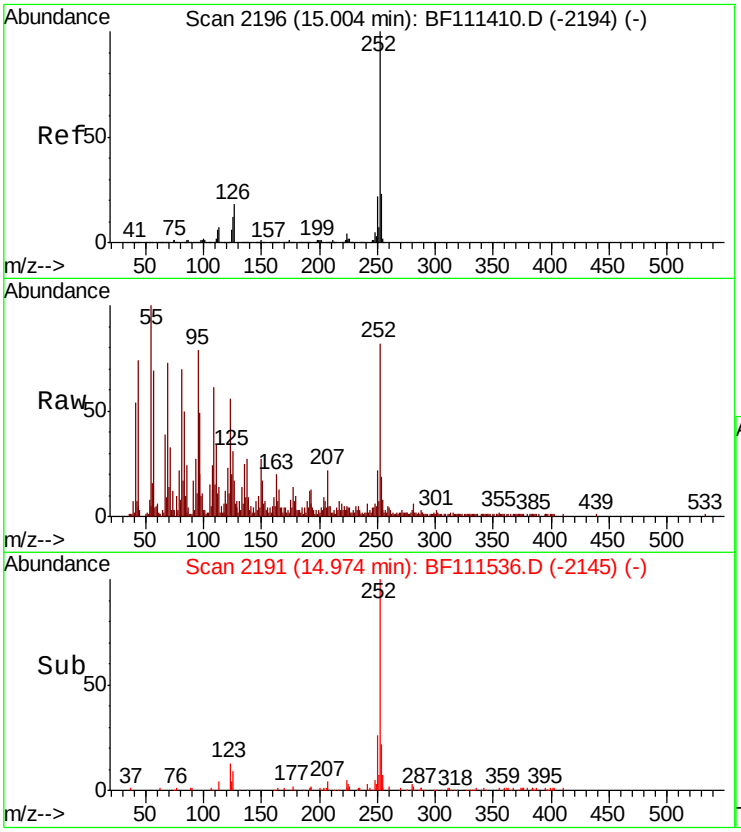


#88
Benzo(b)fluoranthene
Concen: 3.579 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion:252 Resp: 87868

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	37.2	10.4	15.6#



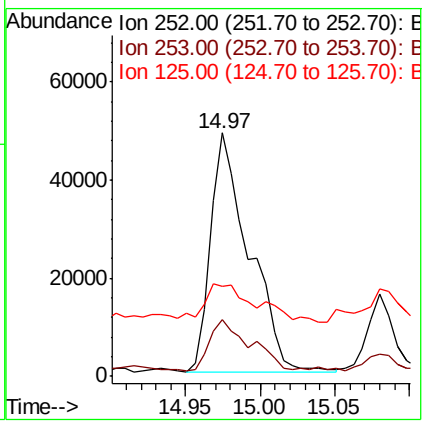


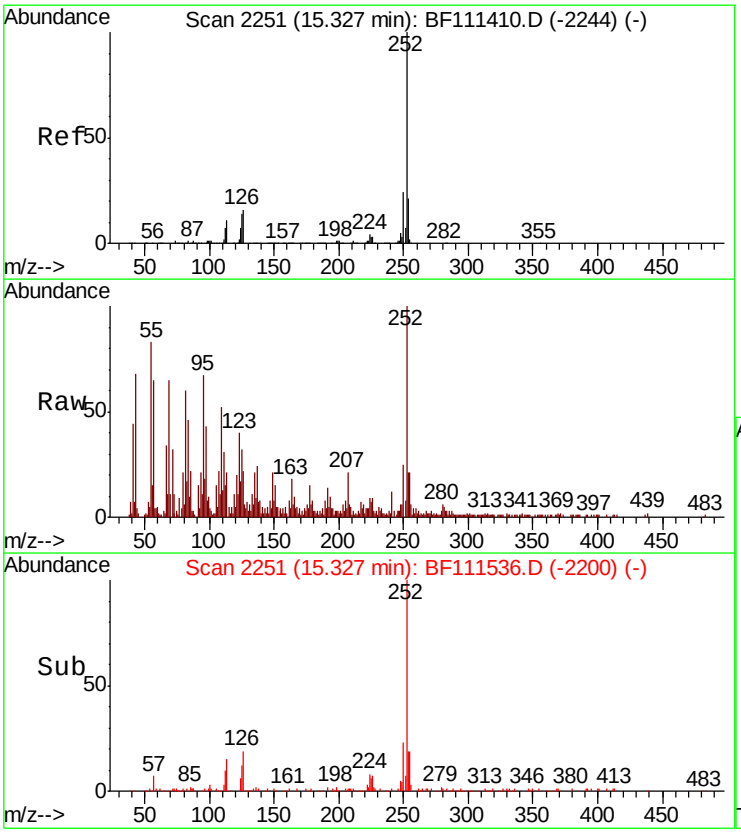
#89
Benzo(k)fluoranthene
Concen: 3.745 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion:252 Resp: 87868

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	37.2	9.8	14.8#

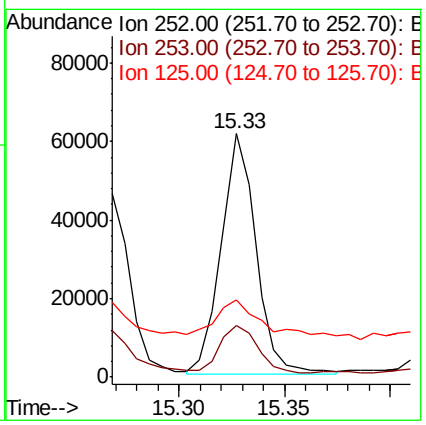


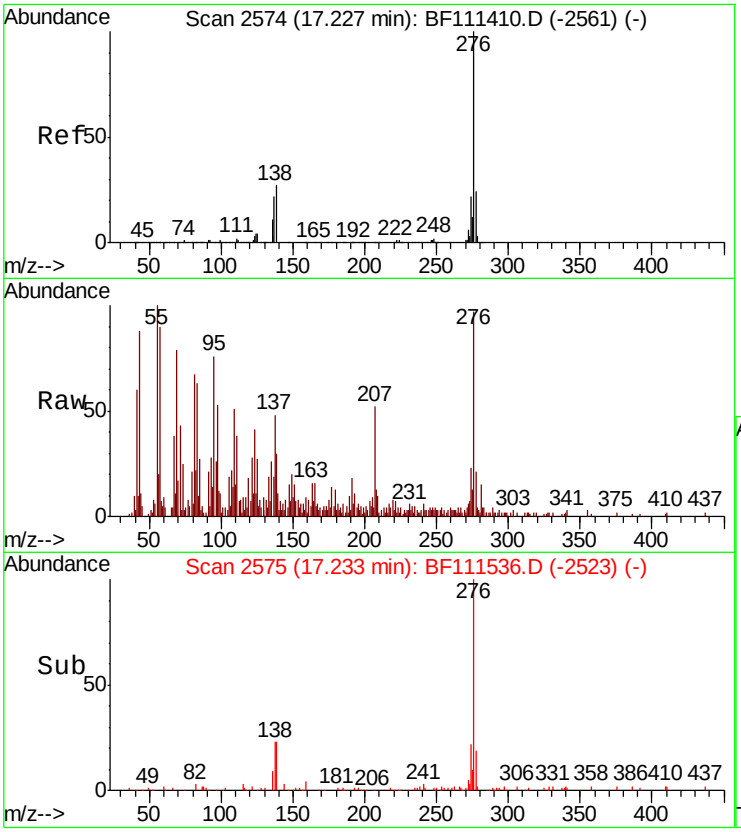


#90
Benzo(a)pyrene
Concen: 3.185 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion:252 Resp: 70513

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	31.5	12.3	18.5#





#92
Benzo(g,h,i)perylene
Concen: 2.397 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tgt Ion:276 Resp: 41095

Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.2	28.8
138	30.9	24.9	37.3