Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116696.D
Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S700B1-N-0.0-0.5-083019

Quant Time: Aug 31 16:04:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106739	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	430822	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	219378	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	367642	20.00	ng		0.00
76) Chrysene-d12	13.99	240	238411	20.00	ng		0.00
87) Perylene-d12	15.44	264	265387	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	688227	104.46	ng		0.00
7) Phenol-d6	6.47	99	940229	108.68	ng		0.00
23) Nitrobenzene-d5	7.40	82	579339	76.77	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	184959	126.12	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1012482	77.85	ng		0.00
79) Terphenyl-d14	12.95	244	970320	75.29	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.56	93	38010	3.172	ng	#	47
11) bis(2-Chloroethyl)ether	6.56	93	38010	5.096	ng	#	26
19) n-Nitroso-di-n-propylamine	7.40	70	77385	13.585	ng	#	72
25) Isophorone	7.40	82	579325	37.884	ng	#	66
32) Benzoic acid	7.82	122	10840	3.331	ng		97
50) Dimethylphthalate	9.59	163	105183	6.945	ng		97
57) 2,4-Dinitrotoluene	9.88	165	28309	8.012	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.66	198	510	7.769	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	12135	3.249	ng	#	1
71) Phenanthrene	11.38	178	49522	2.420	ng		99
75) Fluoranthene	12.57	202	145500	7.234	ng		98
78) Pyrene	12.80	202	120455	5.684	ng		99
81) Benzo(a)anthracene	13.98	228	48550	3.218	ng		97
83) Chrysene	14.02	228	63279	4.071	ng		98
86) Indeno(1,2,3-cd)pyrene	16.87	276	35348	2.831	ng		99
88) Benzo(b)fluoranthene	15.02	252	101328	6.315	ng	#	97
89) Benzo(k)fluoranthene	15.02	252	101328	6.926	ng	#	97
90) Benzo(a)pyrene	15.38	252	43155	3.091	ng		95
92) Benzo(g,h,i)perylene	17.32	276	32241	2.587	ng	#	84

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

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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S700B1-N-0.0-0.5-083019

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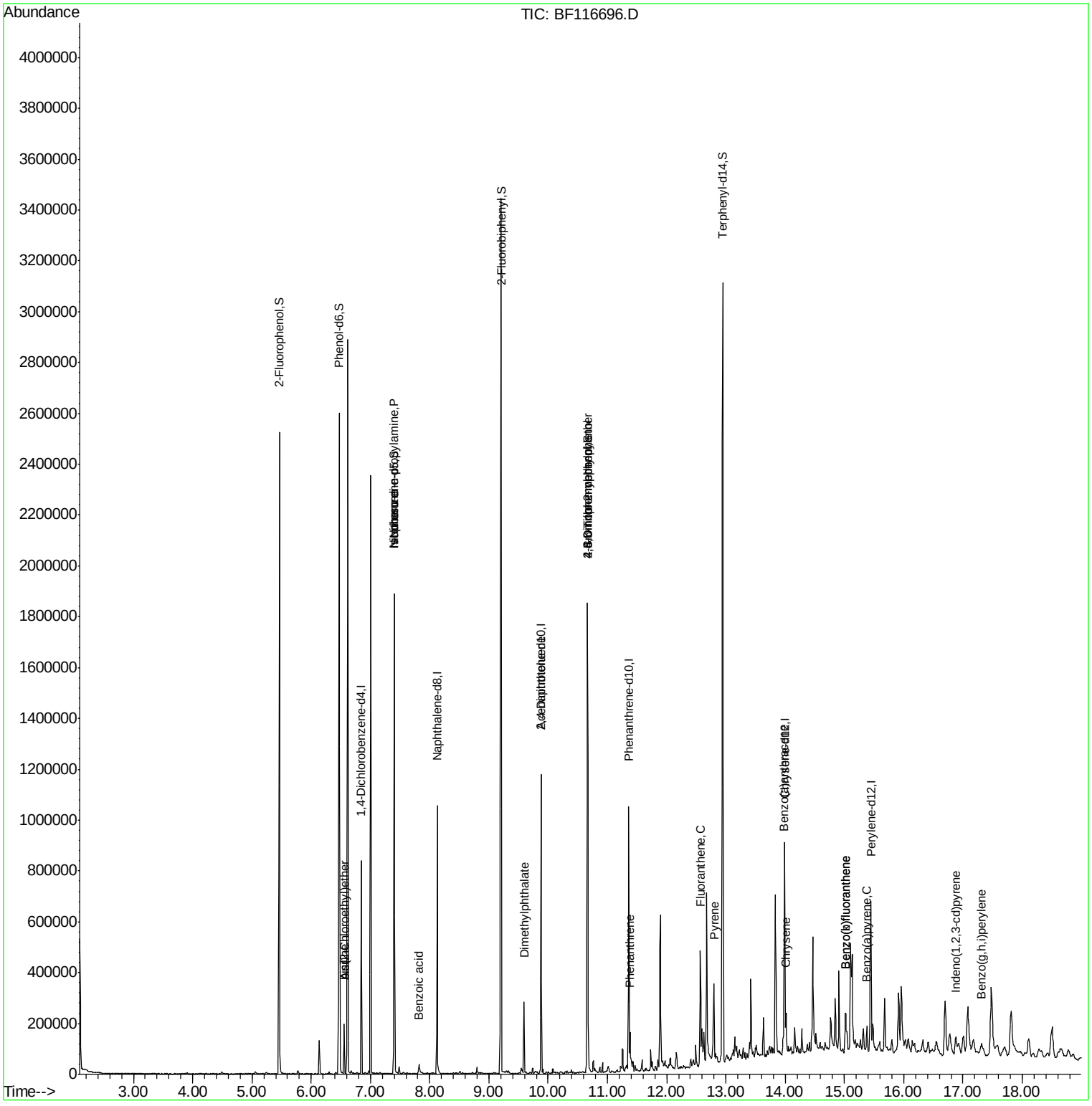
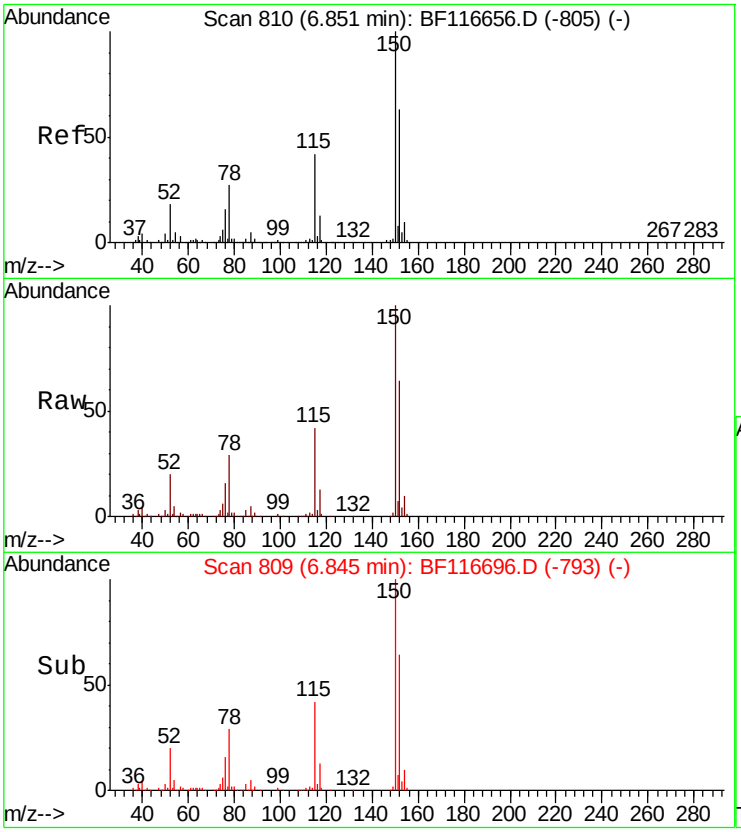


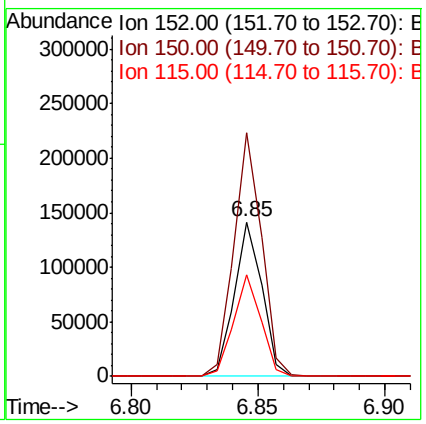


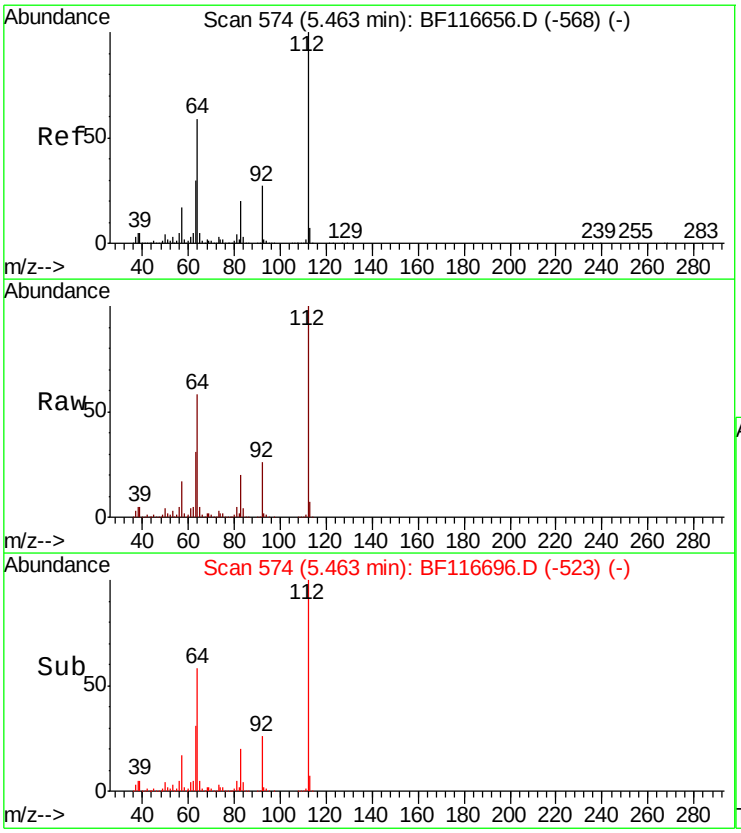
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:152 Resp: 106739

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.4	186.6
115	65.8	49.9	74.9

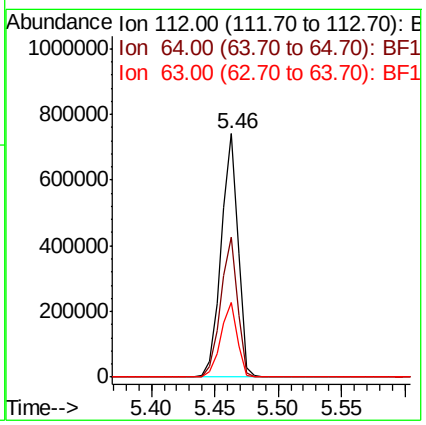


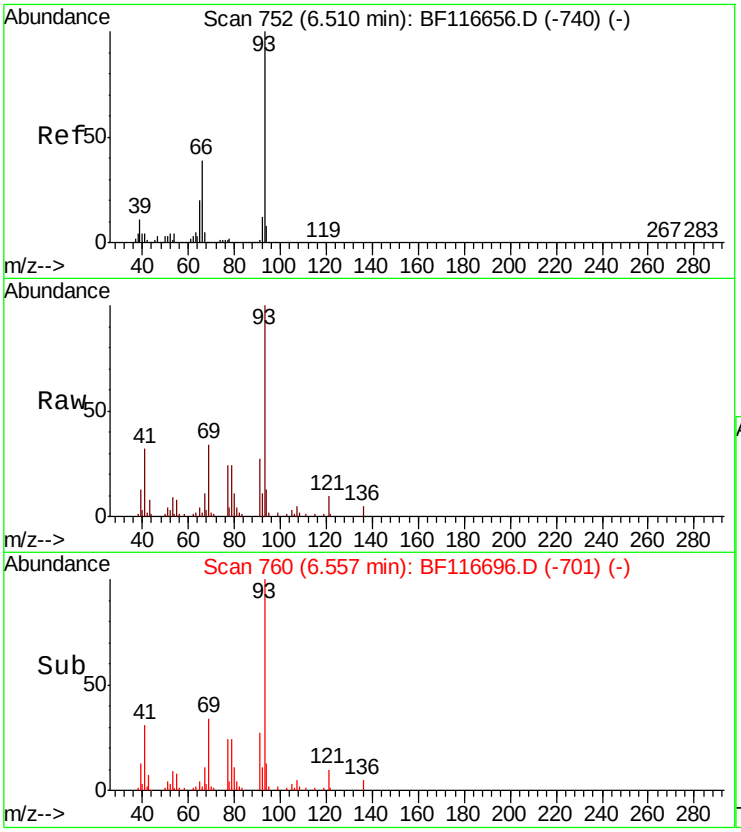


#5
2-Fluorophenol
Concen: 104.457 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion:112 Resp: 688227

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.1	70.7
63	30.6	24.9	37.3



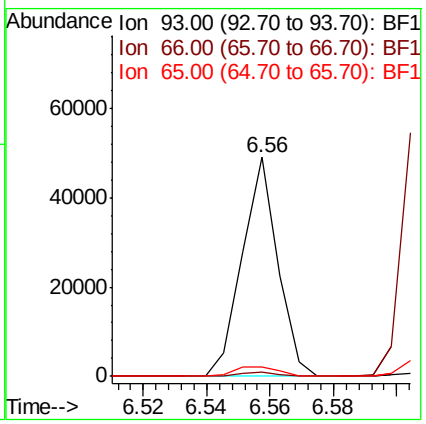


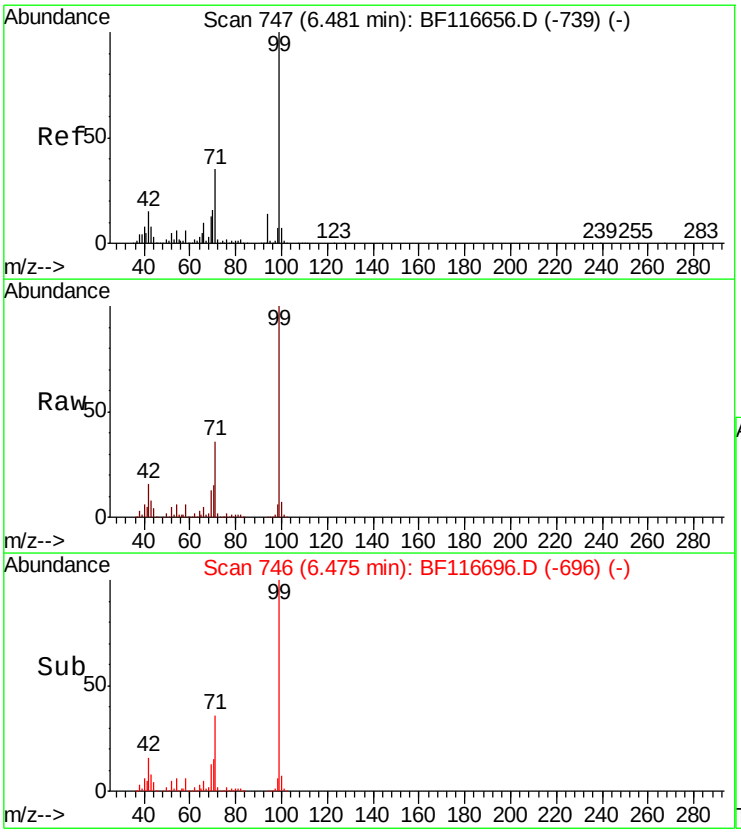
#6
Aniline
Concen: 3.172 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.05 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion: 93 Resp: 38010

Ion	Ratio	Lower	Upper
93	100		
66	1.9	32.7	49.1#
65	4.5	16.3	24.5#

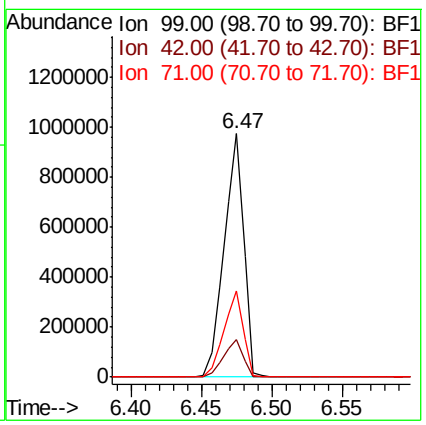


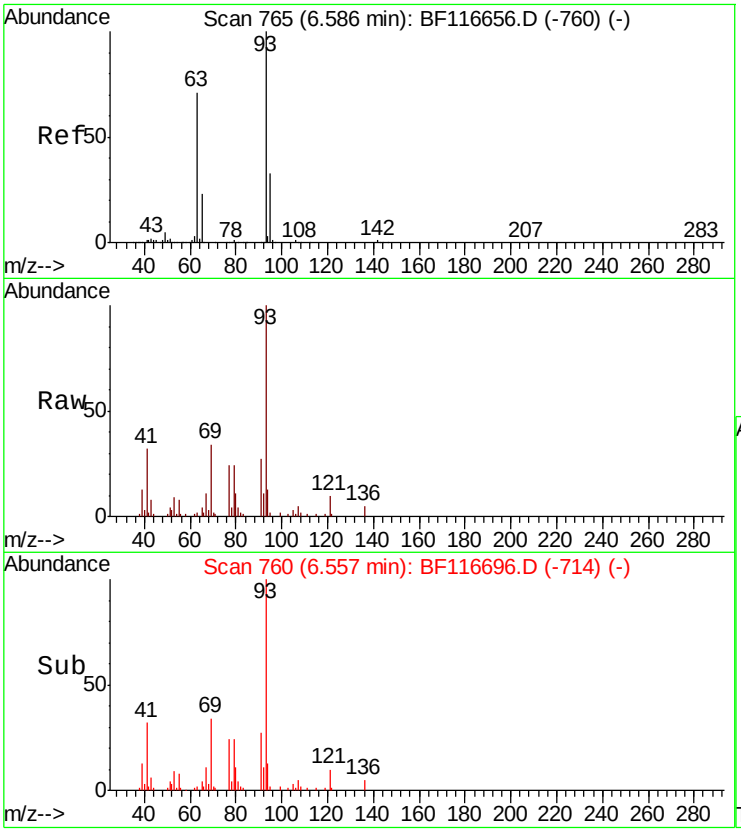


#7
Phenol-d6
Concen: 108.677 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion: 99 Resp: 940229

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.7	20.5
71	35.6	30.8	46.2



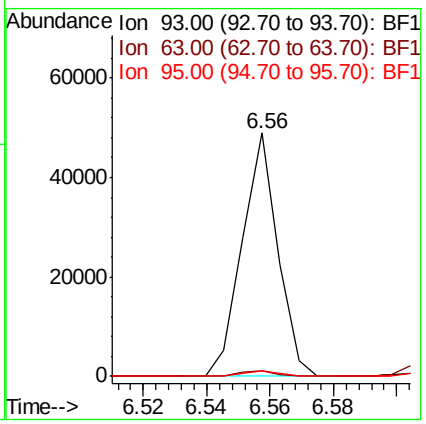


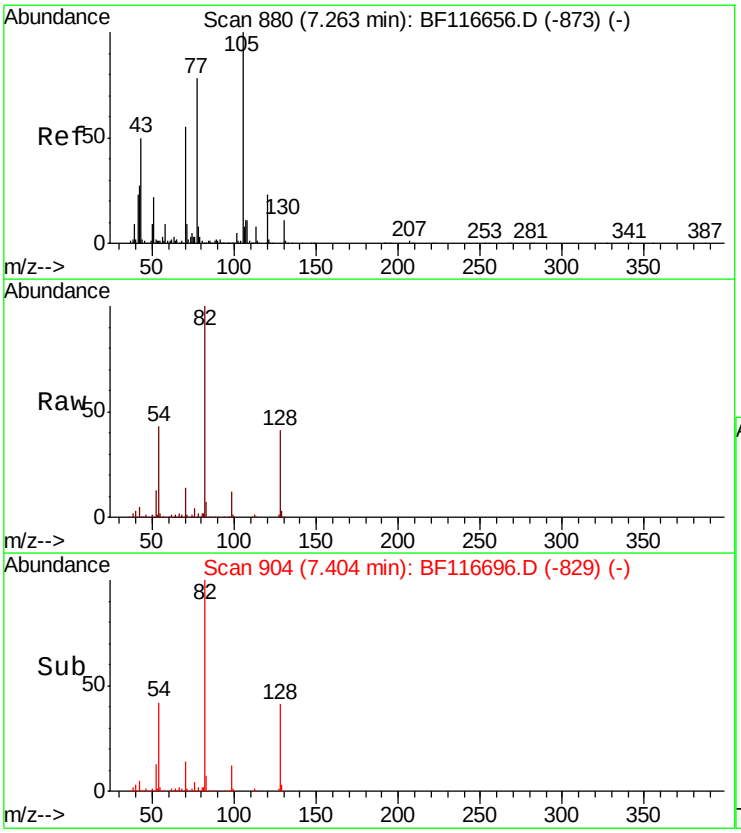
#11
bis(2-Chloroethyl)ether
Concen: 5.096 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion: 93 Resp: 38010

Ion	Ratio	Lower	Upper
93	100		
63	2.1	49.9	89.9#
95	2.3	12.7	52.7#

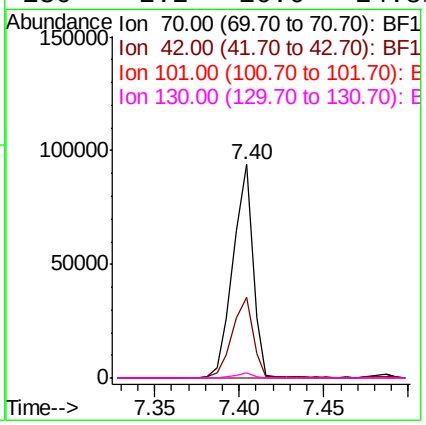


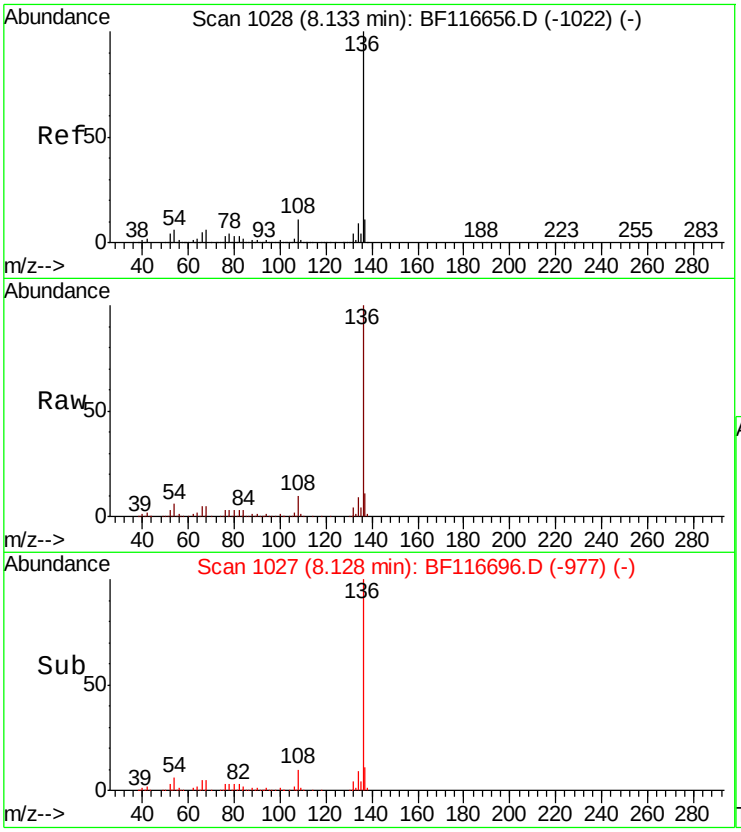


#19
n-Nitroso-di-n-propylamine
Concen: 13.585 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion: 70 Resp: 77385

Ion	Ratio	Lower	Upper
70	100		
42	37.7	43.5	65.3#
101	0.0	7.8	11.6#
130	2.2	16.6	24.8#



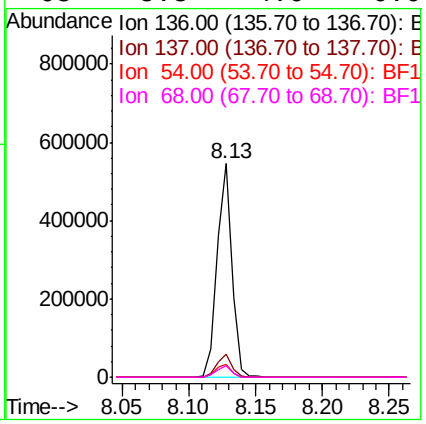


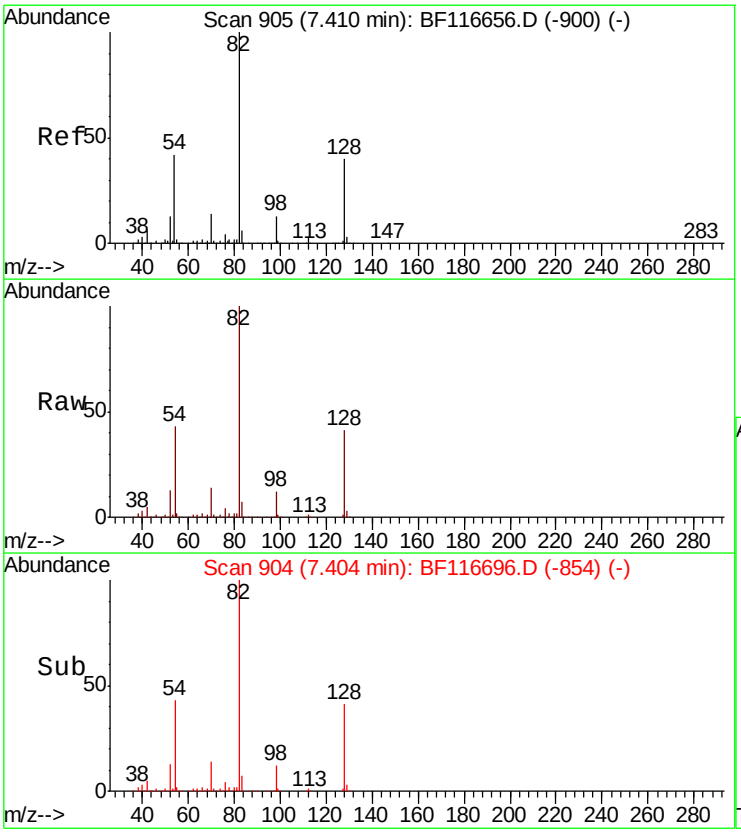
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:136 Resp: 430822

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.8	4.8	7.2
68	5.3	4.0	6.0

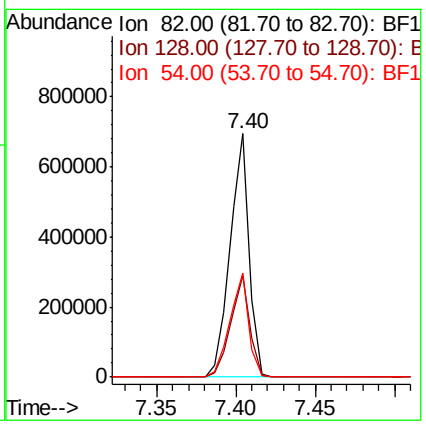


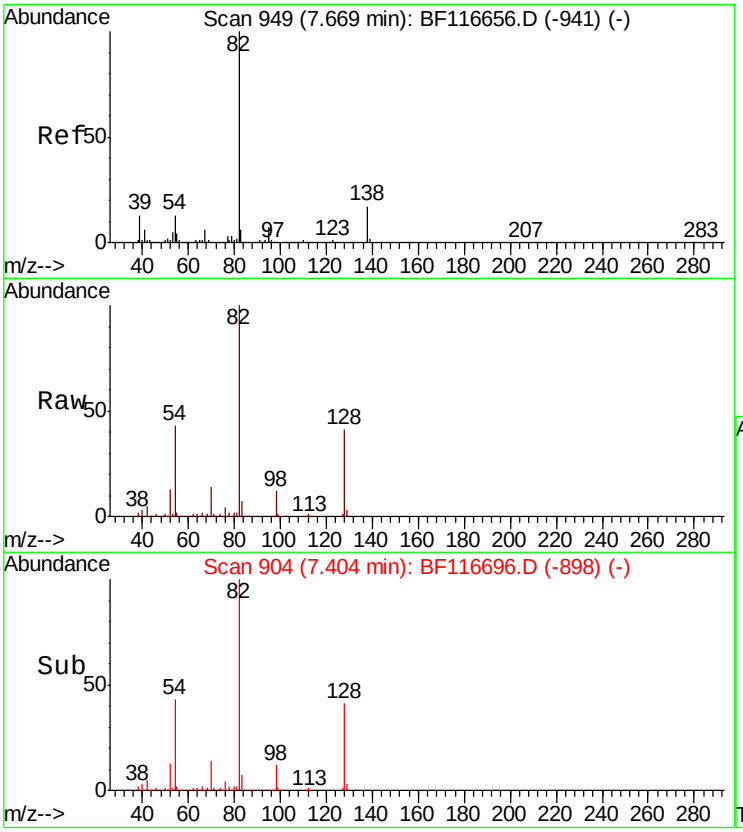


#23
Nitrobenzene-d5
Concen: 76.767 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion: 82 Resp: 579339

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.8	49.2
54	42.5	36.9	55.3



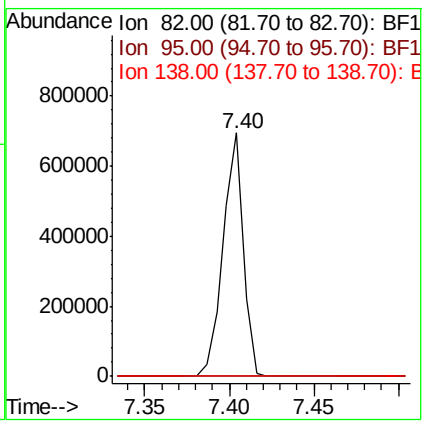


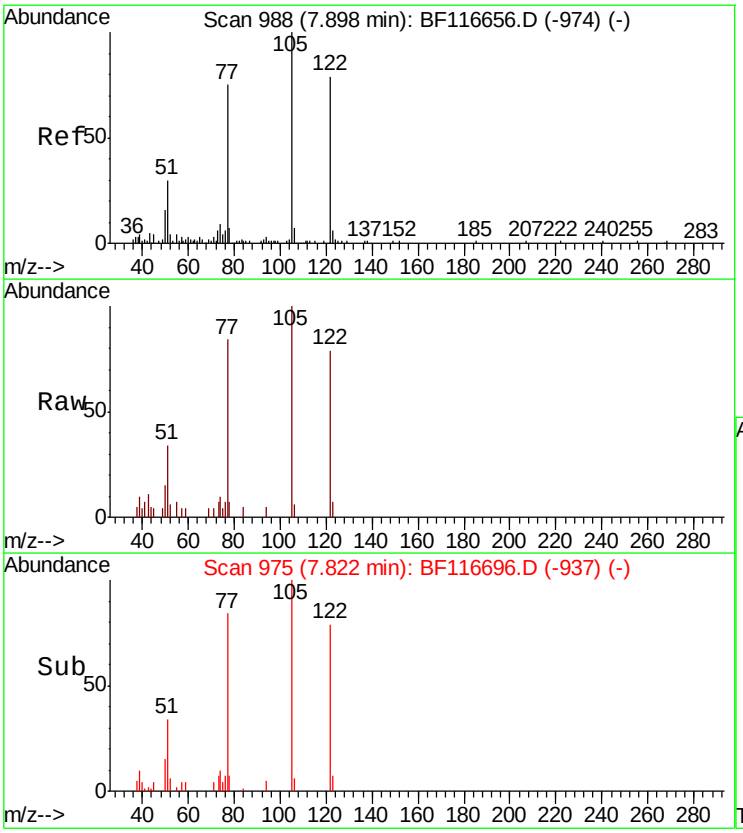
#25
Isophorone
Concen: 37.884 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion: 82 Resp: 579325

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

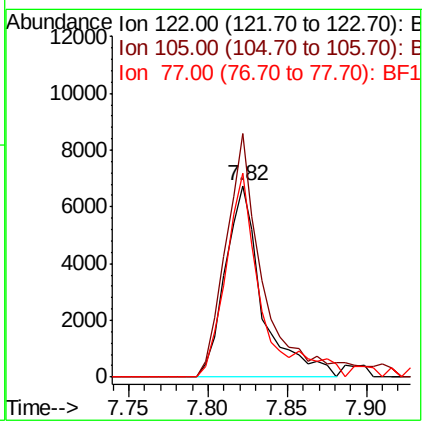


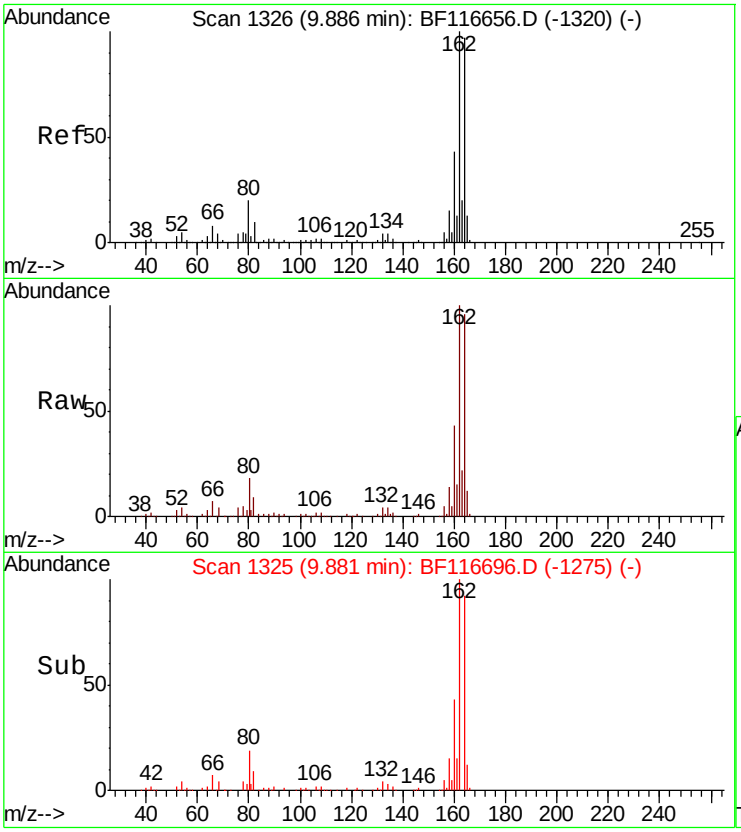


#32
Benzoic acid
Concen: 3.331 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.08 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion:122 Resp: 10840

Ion	Ratio	Lower	Upper
122	100		
105	127.3	110.0	150.0
77	106.6	81.7	121.7



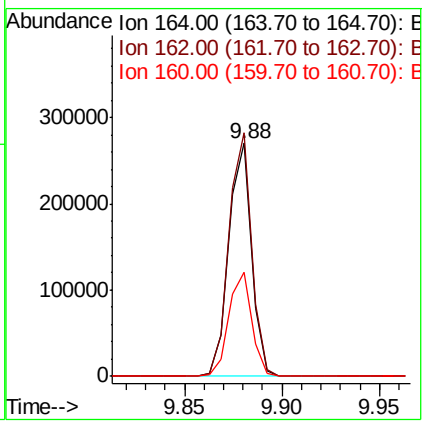


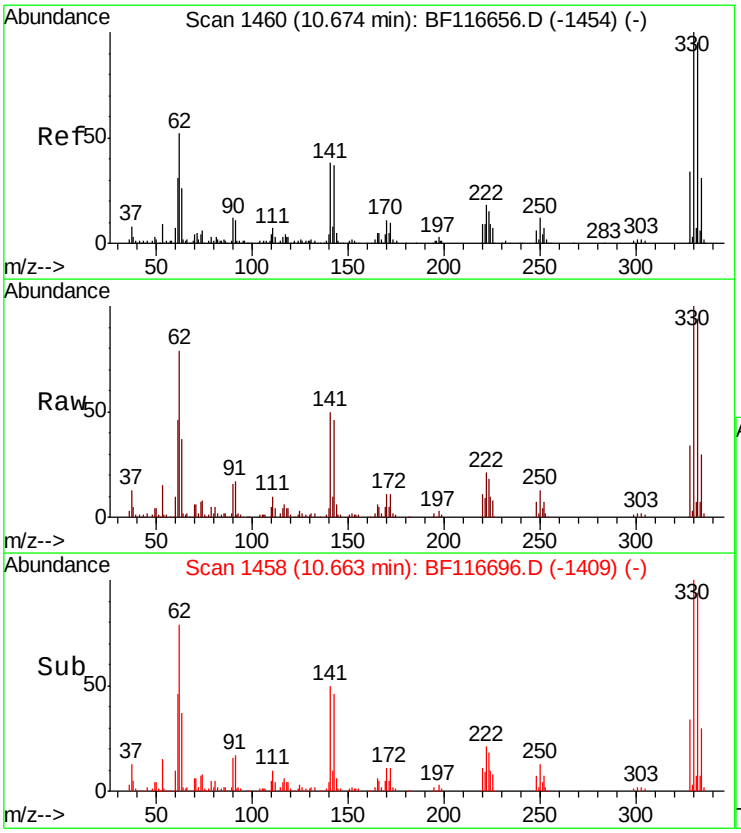
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:164 Resp: 219378

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.4	122.0
160	44.7	35.4	53.2

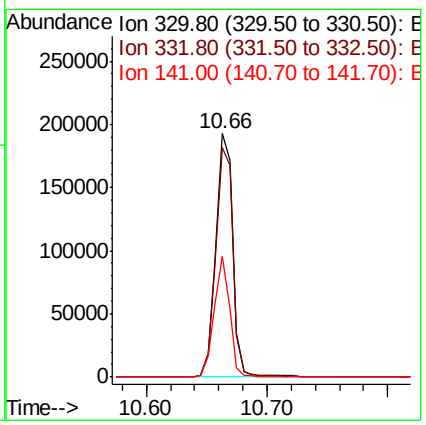


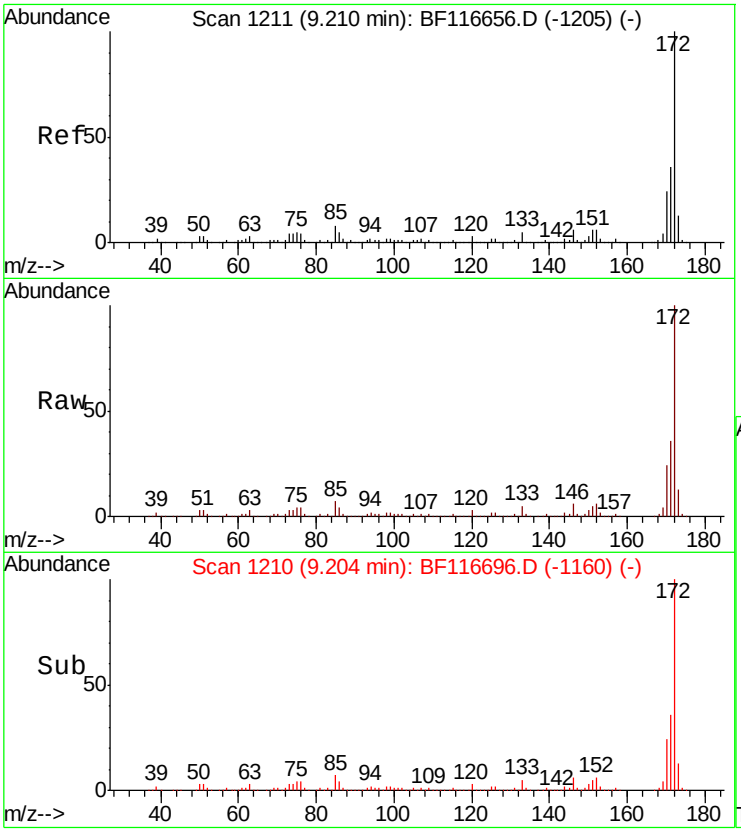


#42
2,4,6-Tribromophenol
Concen: 126.115 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion:330 Resp: 184959

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	45.2	31.4	47.2



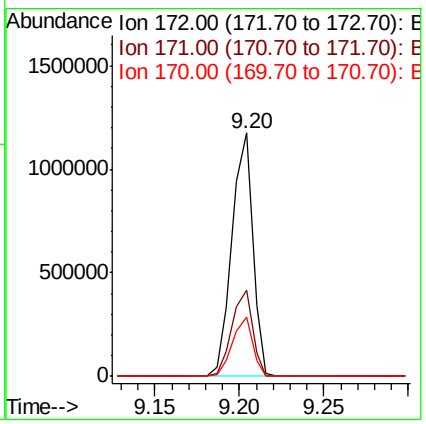


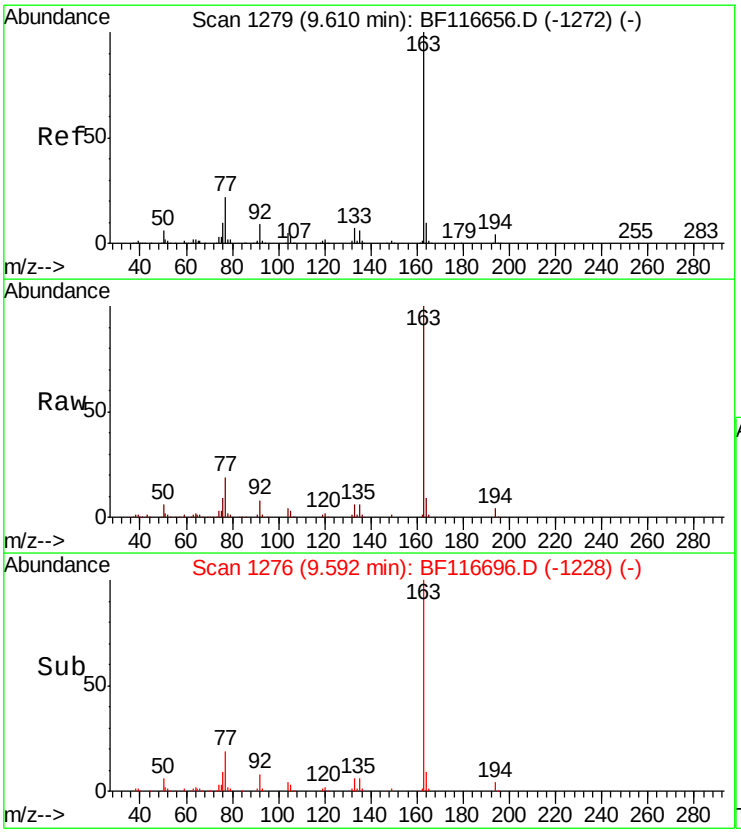
#45
2-Fluorobiphenyl
Concen: 77.854 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:172 Resp: 1012482

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	24.2	18.9	28.3

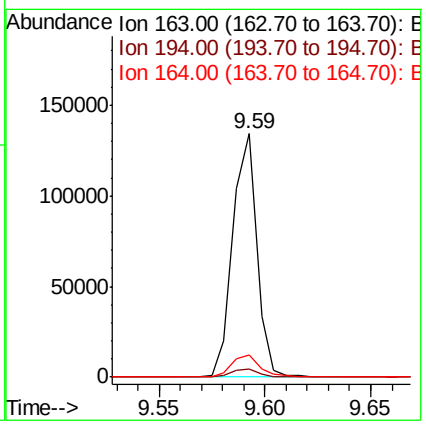


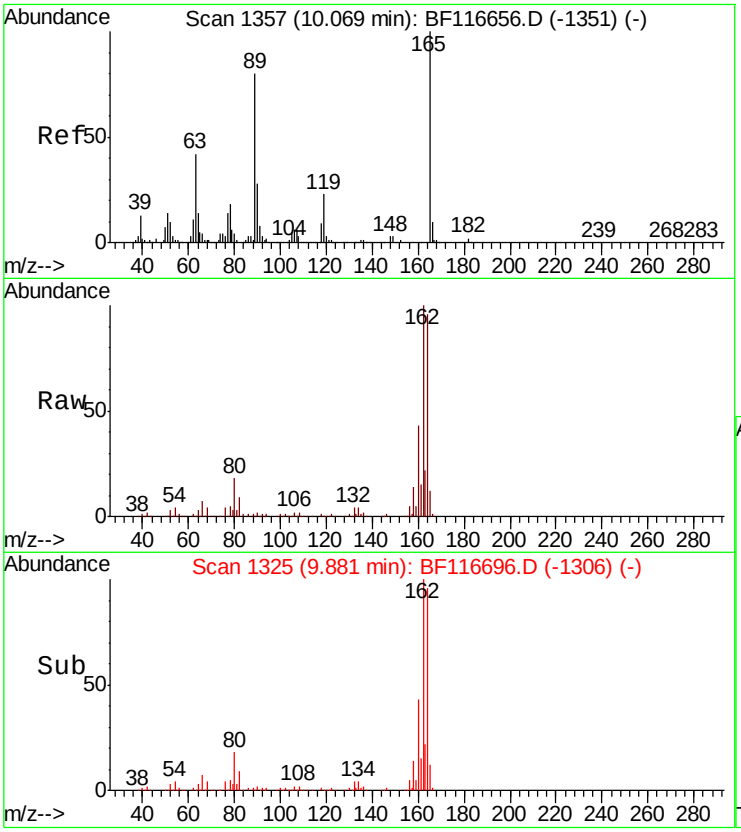


#50
Dimethylphthalate
Concen: 6.945 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion:163 Resp: 105183

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.0	8.6	12.8



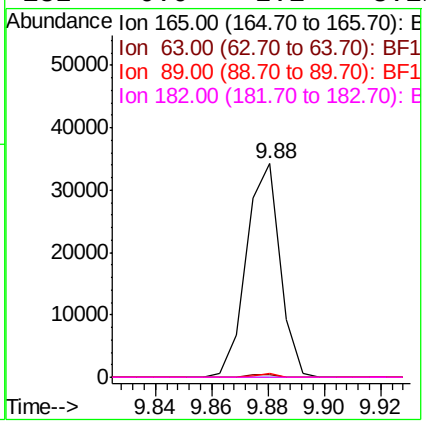


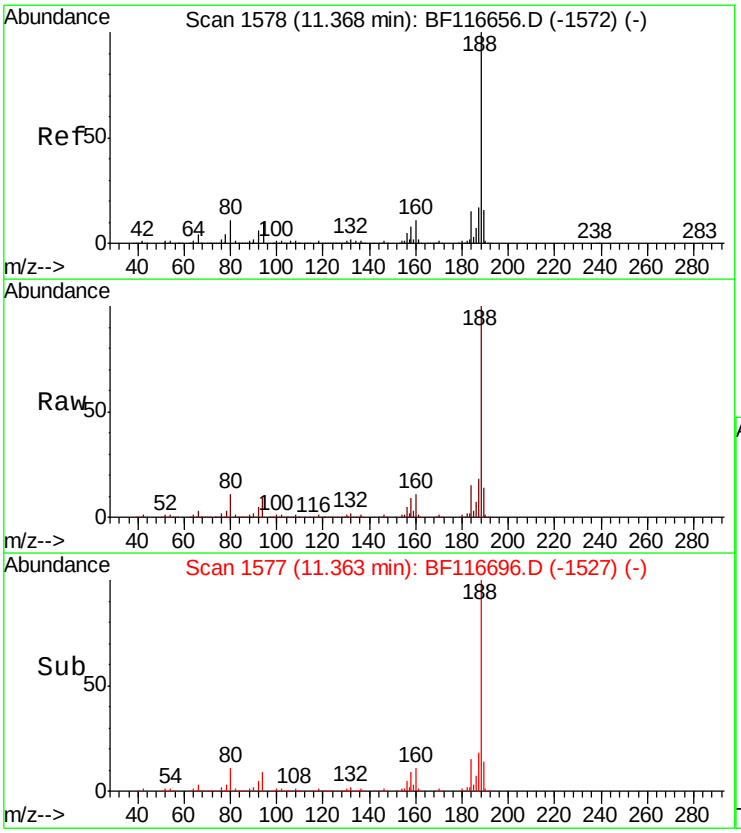
#57
2,4-Dinitrotoluene
Concen: 8.012 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:165 Resp: 28309

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	62.6	94.0#
182	0.0	2.1	3.1#

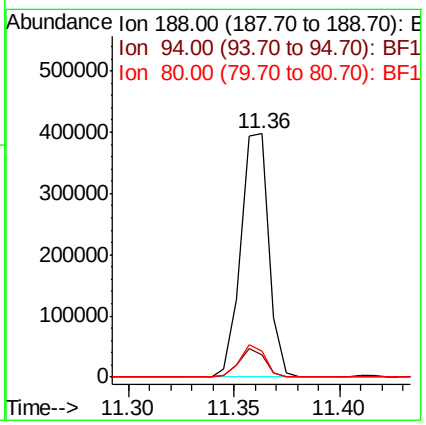


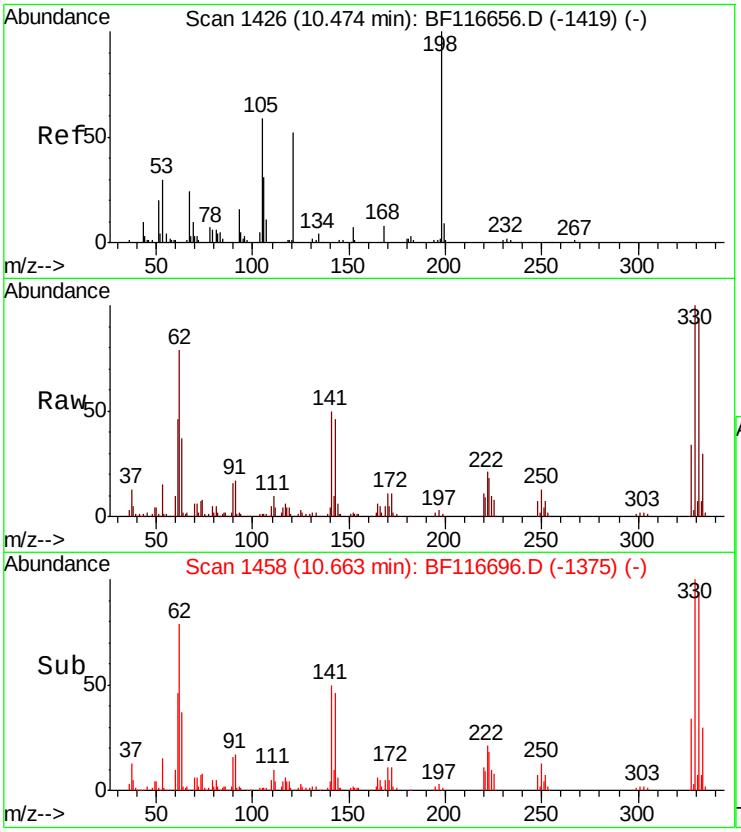


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion:188 Resp: 367642

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	10.5	8.4	12.6



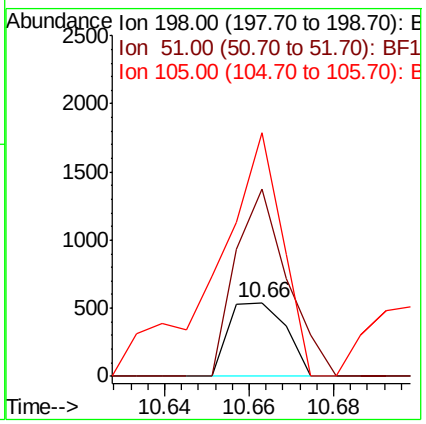


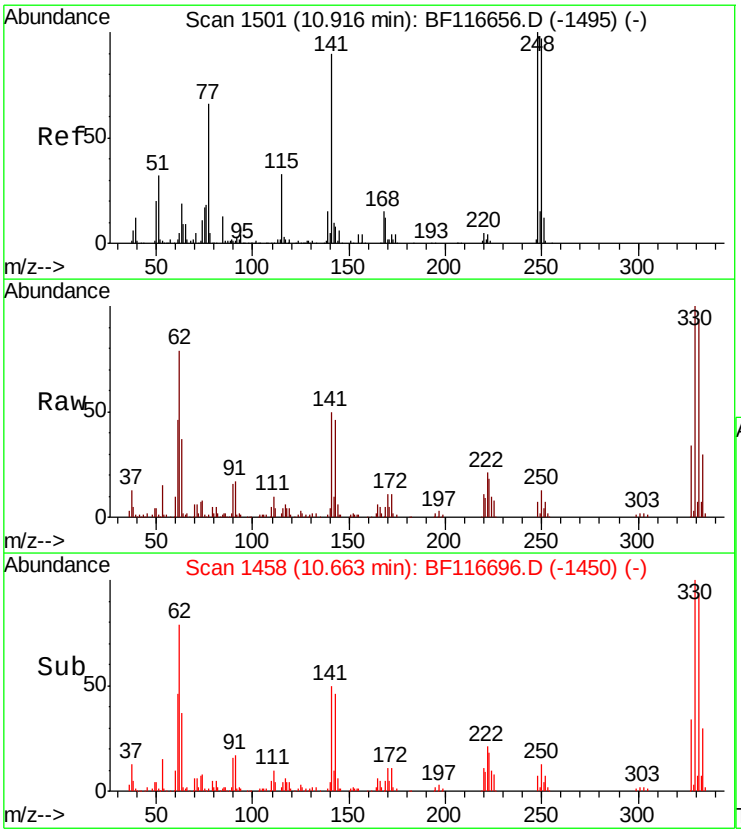
#65
4,6-Dinitro-2-methylphenol
Concen: 7.769 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:198 Resp: 510

Ion	Ratio	Lower	Upper
198	100		
51	254.1	18.4	58.4#
105	329.7	22.9	62.9#

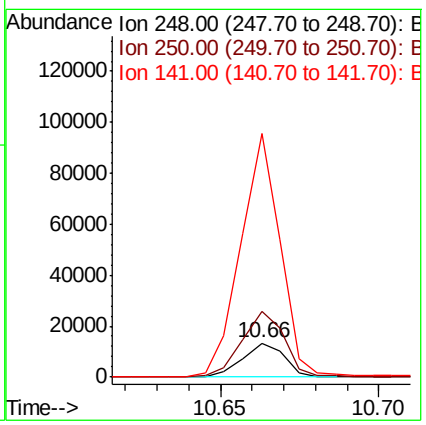


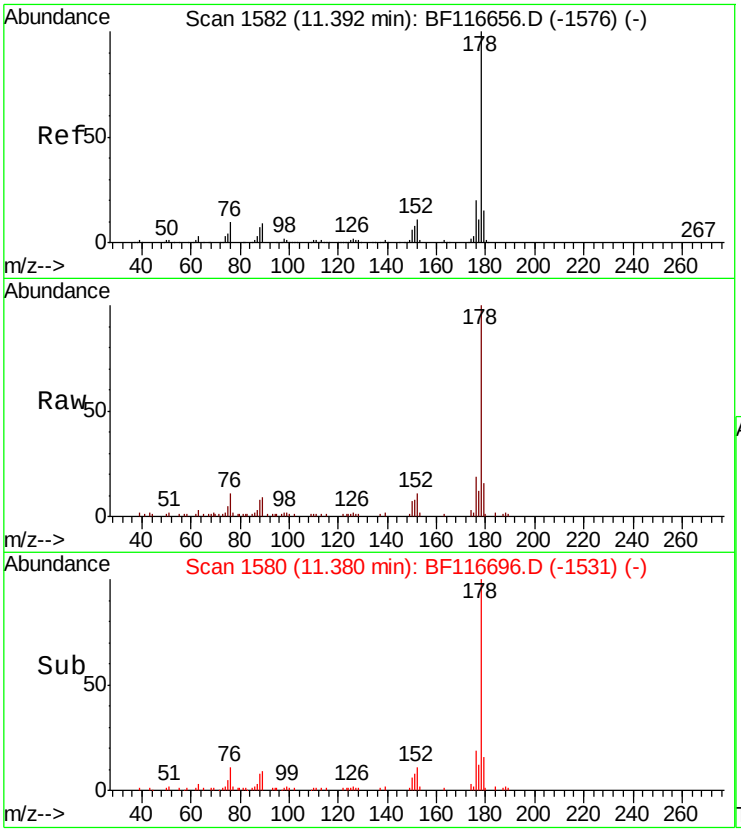


#67
4-Bromophenyl-phenylether
Concen: 3.249 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion:248 Resp: 12135

Ion	Ratio	Lower	Upper
248	100		
250	192.3	77.8	116.8#
141	713.8	75.9	113.9#



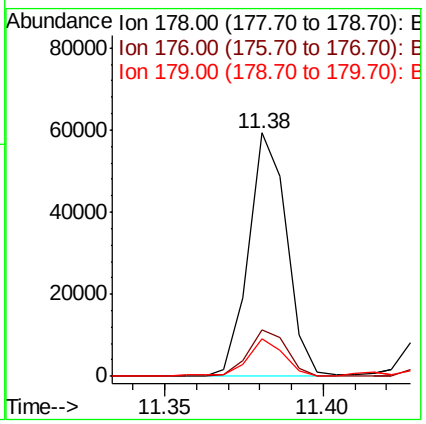


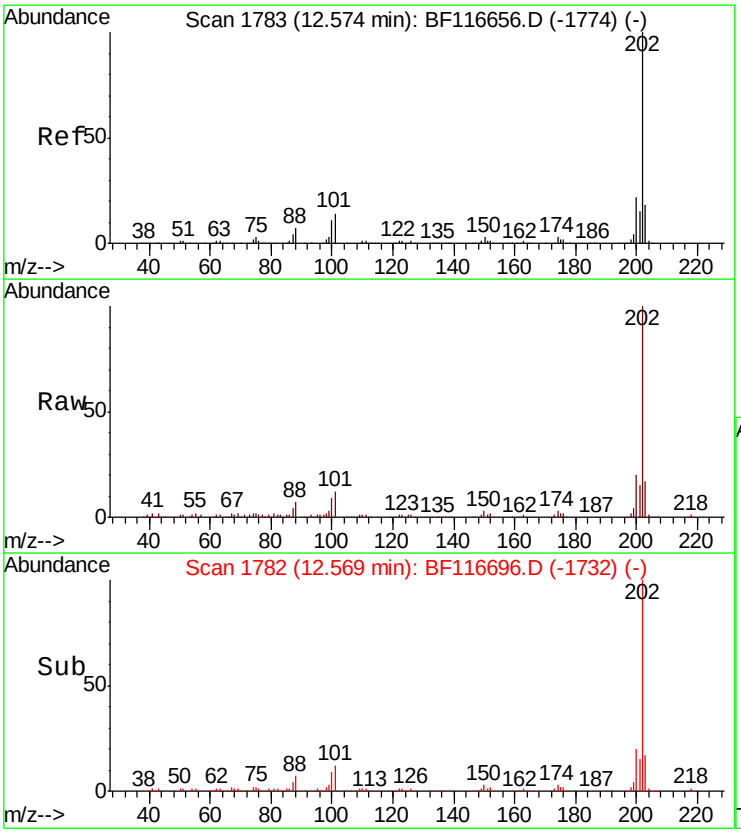
#71
Phenanthrene
Concen: 2.420 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:178 Resp: 49522

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.6	12.2	18.2

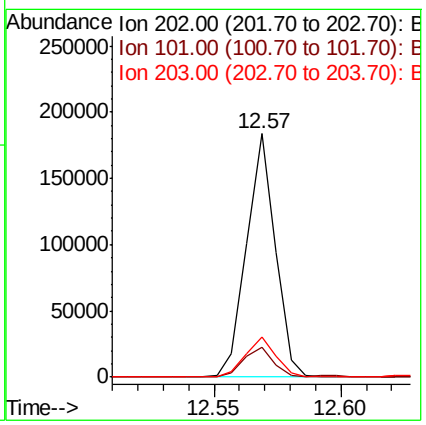


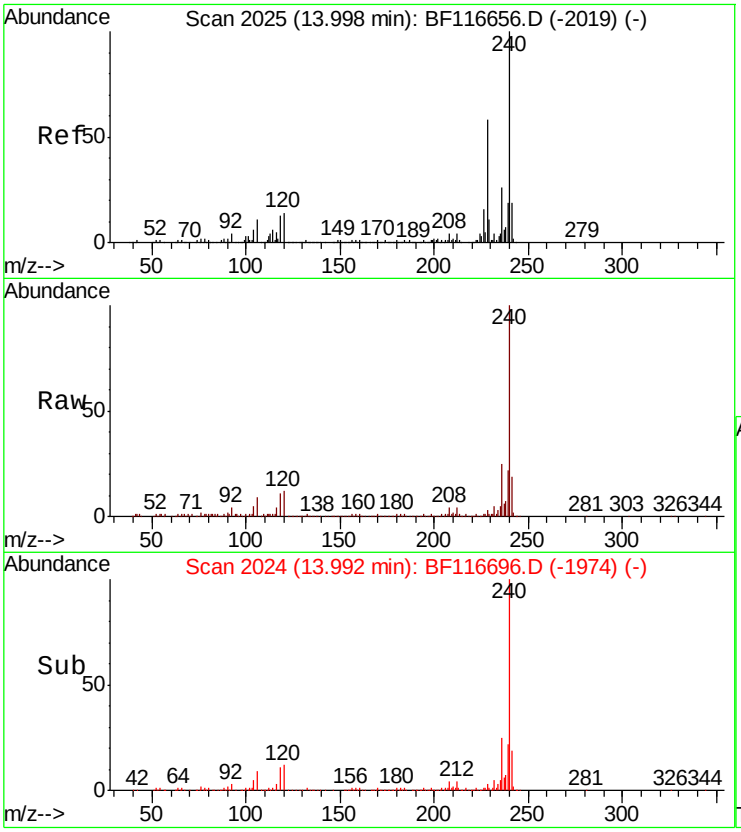


#75
Fluoranthene
Concen: 7.234 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion:202 Resp: 145500

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.3
203	16.7	0.0	37.6



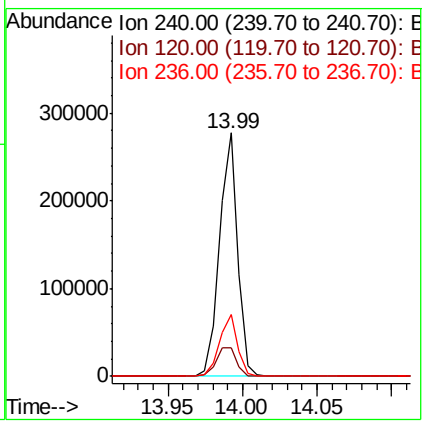


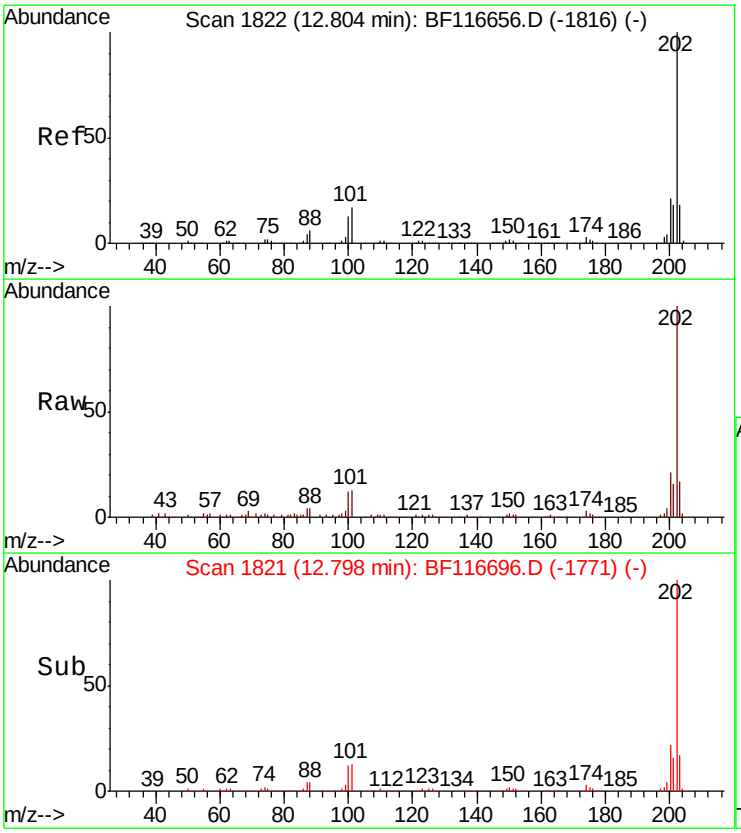
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:240 Resp: 238411

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.1	13.7
236	25.5	21.1	31.7

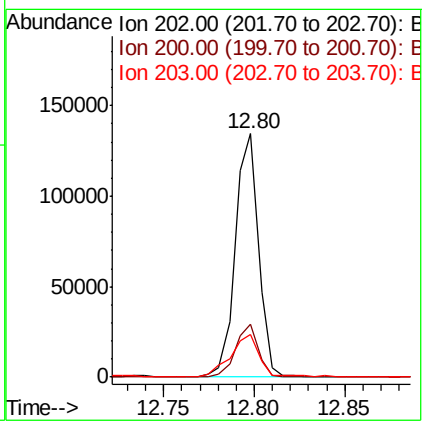


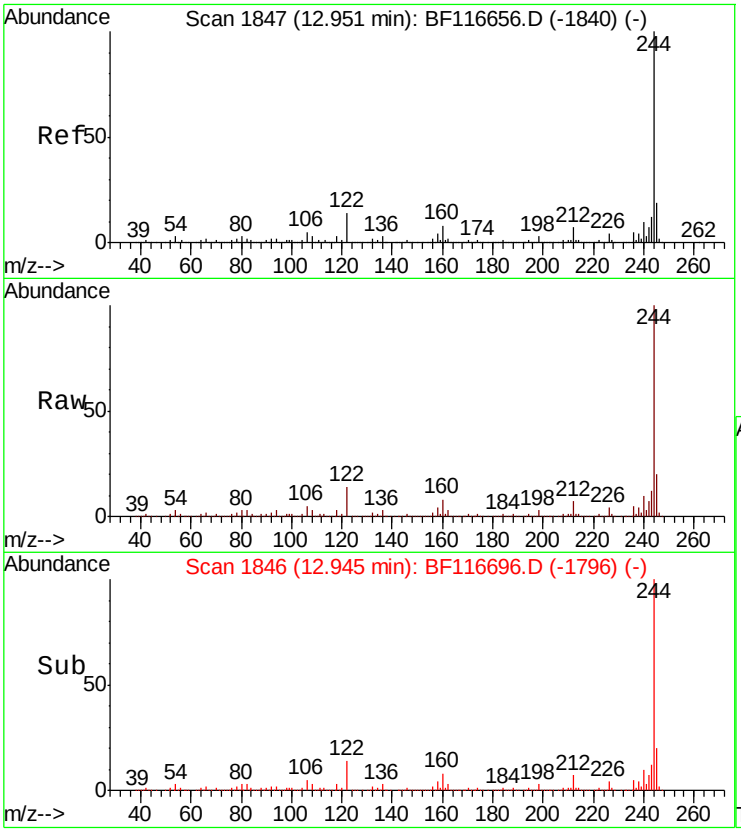


#78
Pyrene
Concen: 5.684 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion:202 Resp: 120455

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.5	24.7
203	17.4	13.7	20.5



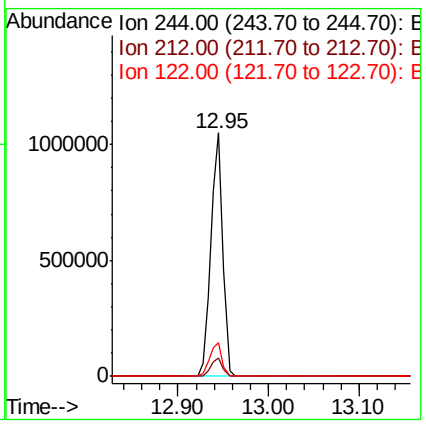


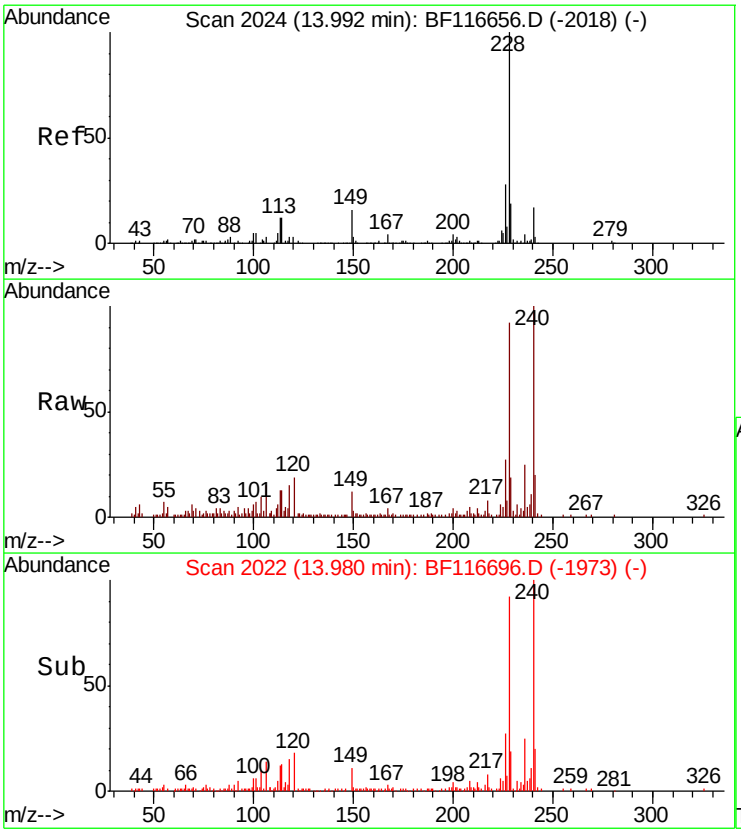
#79
Terphenyl-d14
Concen: 75.292 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:244 Resp: 970320

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	13.9	10.2	15.4

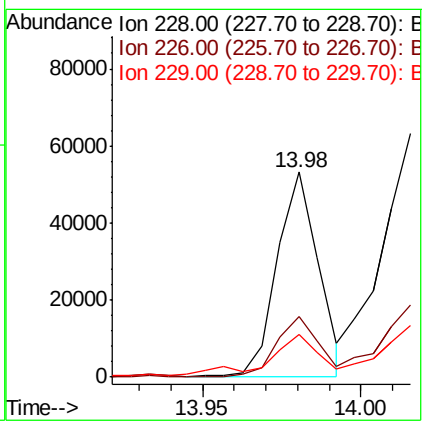


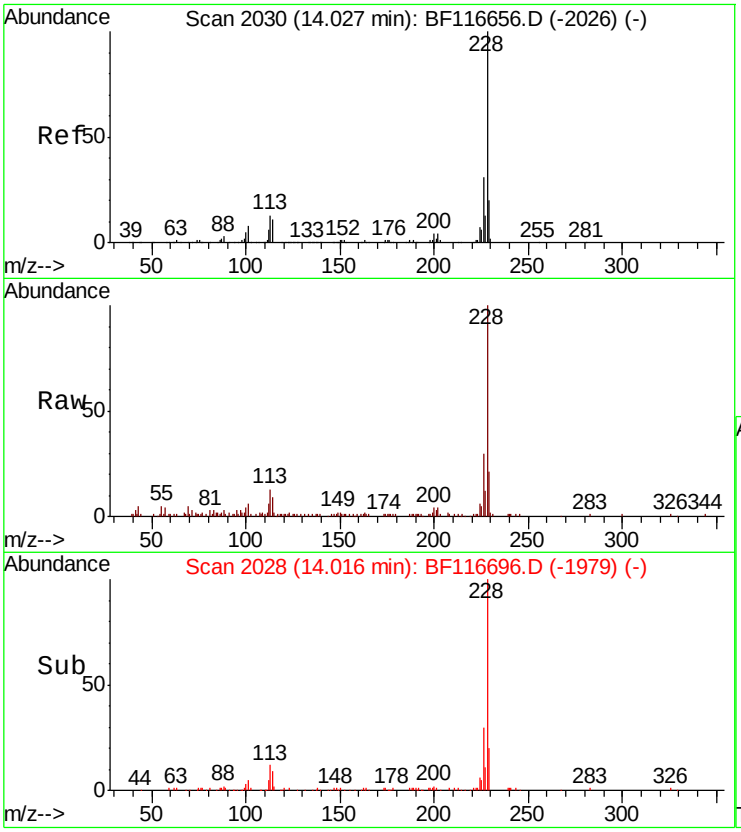


#81
Benzo(a)anthracene
Concen: 3.218 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion:228 Resp: 48550

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.0	33.0
229	21.1	16.4	24.6



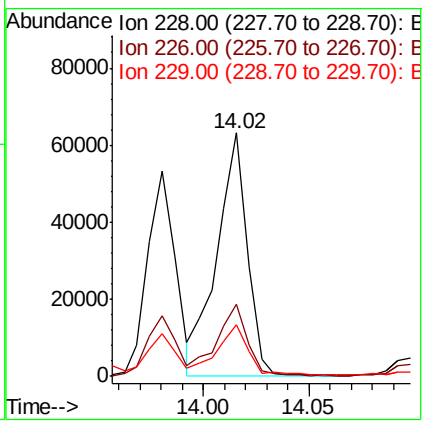


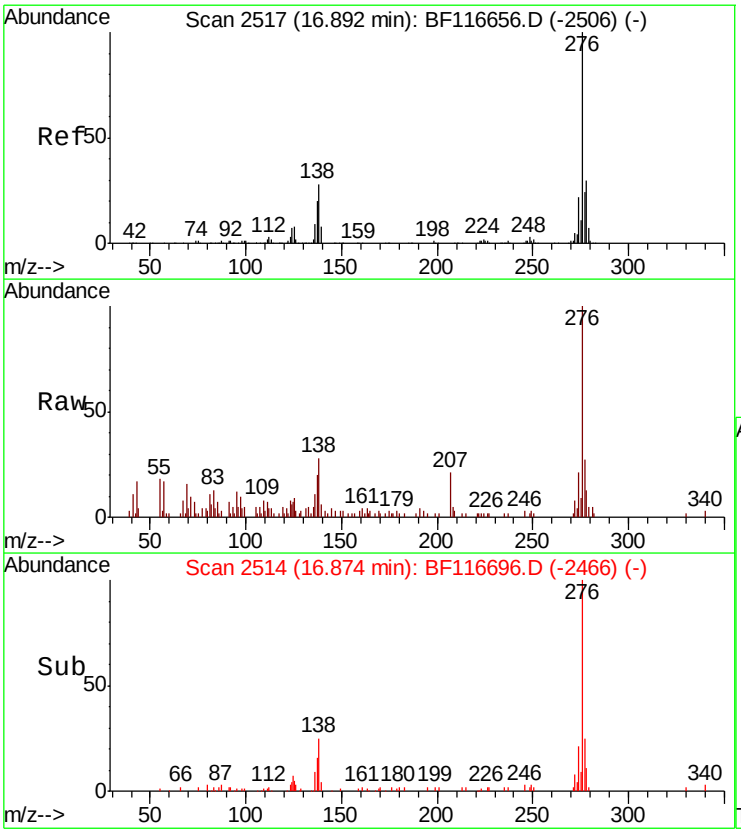
#83
Chrysene
Concen: 4.071 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:228 Resp: 63279

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	21.1	15.4	23.0

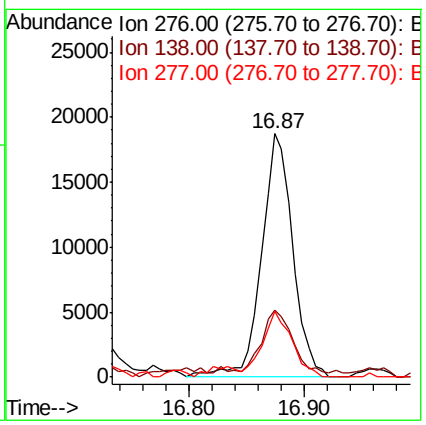


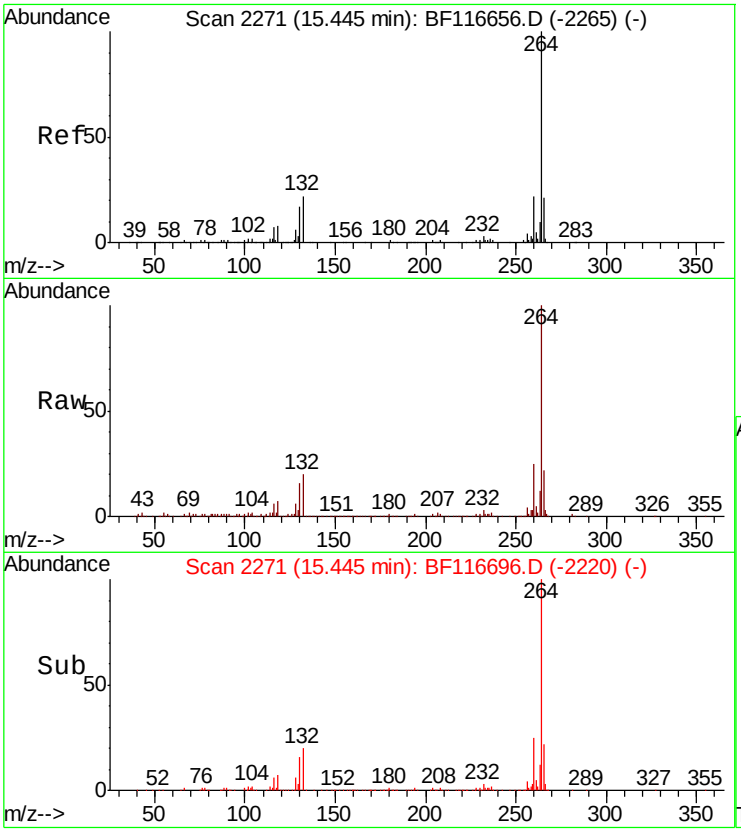


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.831 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion:276 Resp: 35348

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.4	29.2
277	25.3	20.5	30.7



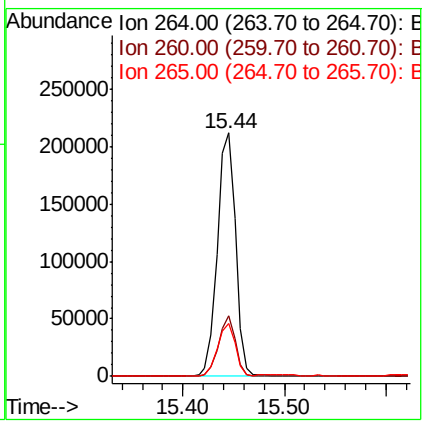


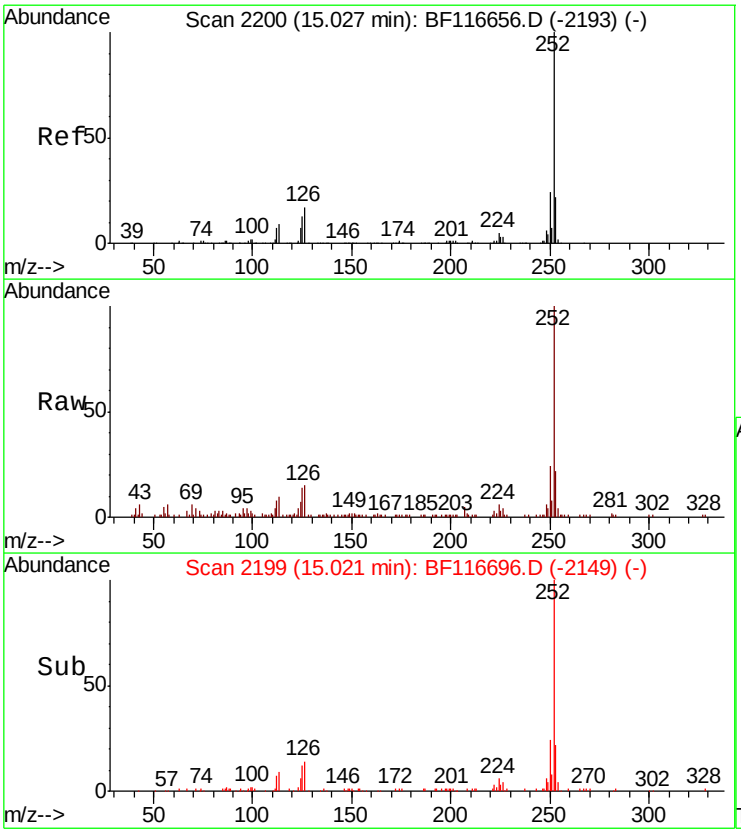
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:264 Resp: 265387

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.3	27.5
265	22.0	16.5	24.7

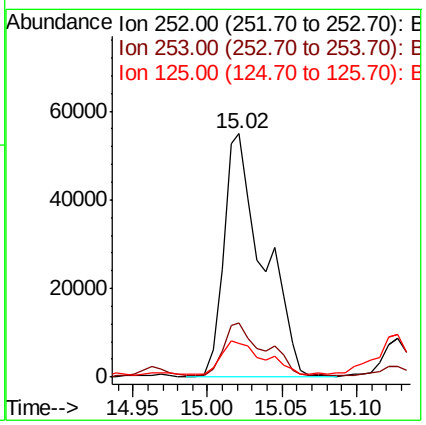


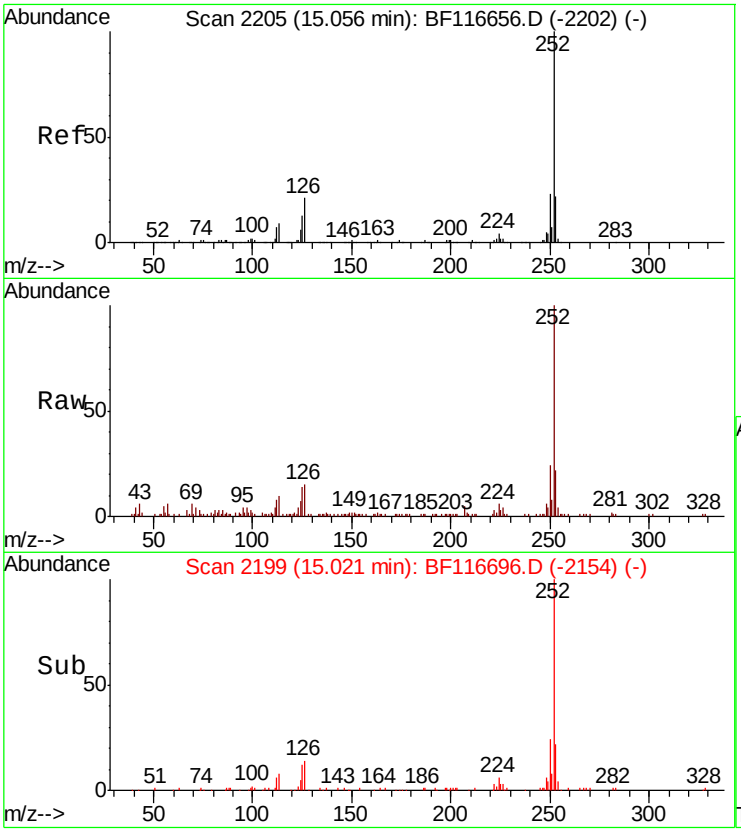


#88
Benzo(b)fluoranthene
Concen: 6.315 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion:252 Resp: 101328

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	13.9	8.2	12.2#



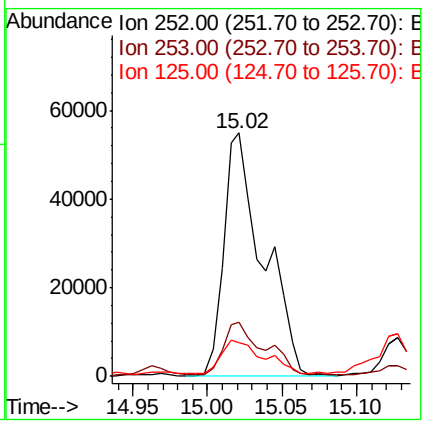


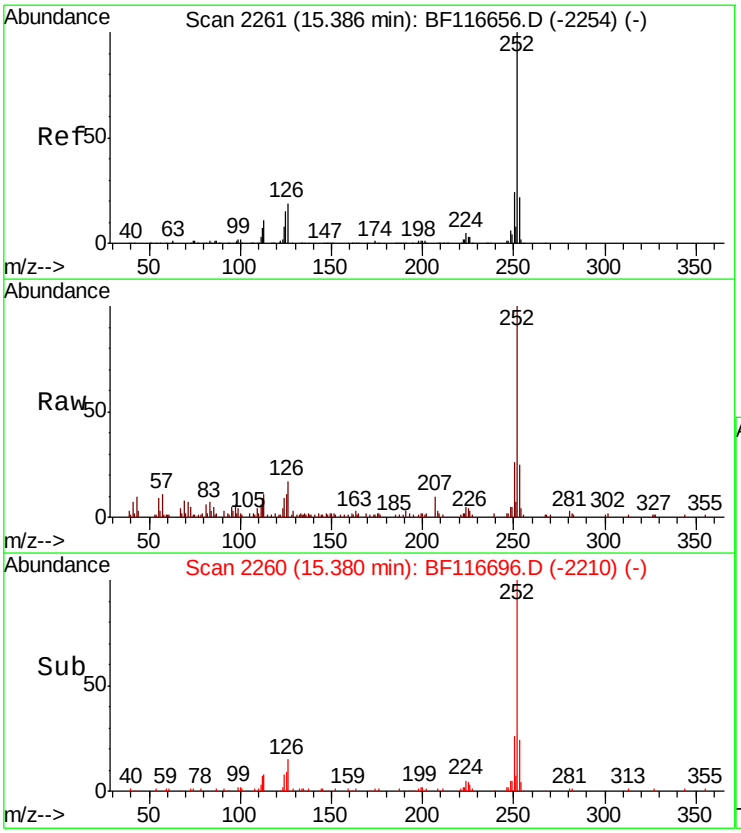
#89
Benzo(k)fluoranthene
Concen: 6.926 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:252 Resp: 101328

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	13.9	8.6	13.0#

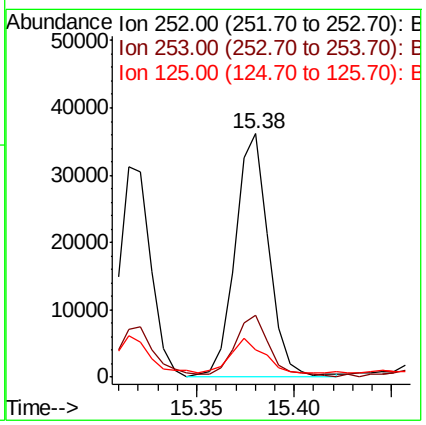


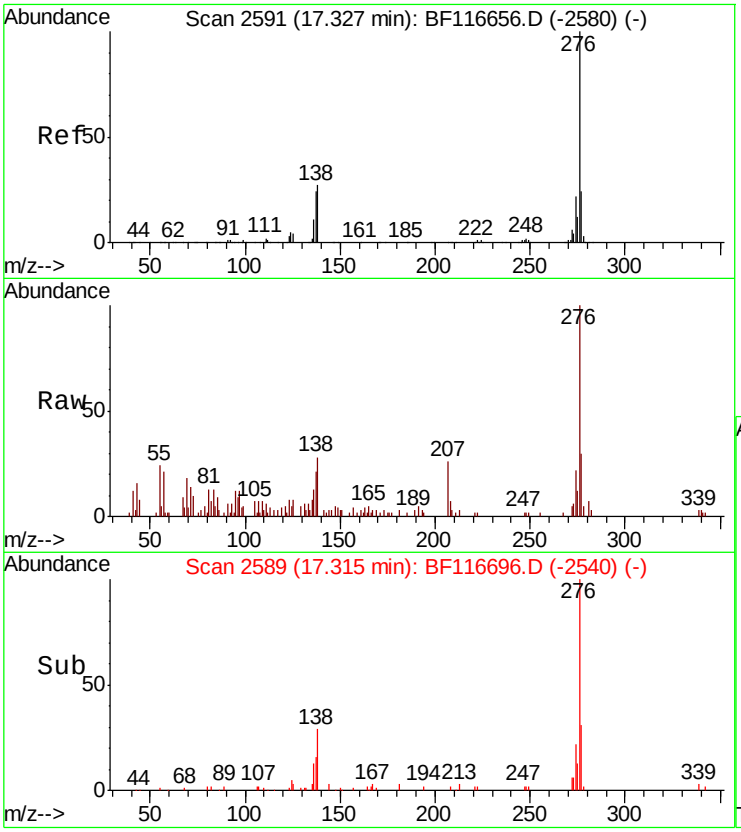


#90
Benzo(a)pyrene
Concen: 3.091 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion:252 Resp: 43155

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.1	27.1
125	11.2	9.8	14.8





#92
Benzo(g,h,i)perylene
Concen: 2.587 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tgt Ion:276 Resp: 32241

Ion	Ratio	Lower	Upper
276	100		
277	30.3	18.5	27.7#
138	28.2	16.2	24.2#