Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
Data File : BF117766.D
Acq On : 12 Nov 2019 18:16
Operator : JU
Sample : K5670-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-111119

Quant Time: Nov 13 01:14:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 12 13:32:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	264303	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	990006	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	484569	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	812461	20.00	ng		0.00
76) Chrysene-d12	14.12	240	667493	20.00	ng		0.00
87) Perylene-d12	15.63	264	681477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	570034	39.04	ng		0.00
7) Phenol-d6	6.54	99	709673	39.42	ng		0.00
23) Nitrobenzene-d5	7.48	82	410350	24.47	ng		-0.01
42) 2,4,6-Tribromophenol	10.76	330	170773	36.03	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	807852	32.89	ng		0.00
79) Terphenyl-d14	13.06	244	803890	24.79	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.48	70	55248	4.667	ng	#	79
25) Isophorone	7.48	82	408443	12.735	ng	#	62
49) Acenaphthylene	9.83	152	98157	2.393	ng		97
50) Dimethylphthalate	9.68	163	92841	2.834	ng		99
51) 2,6-Dinitrotoluene	9.97	165	63057	8.596	ng	#	31
71) Phenanthrene	11.49	178	217963	5.597	ng		97
75) Fluoranthene	12.68	202	346487	8.714	ng		97
78) Pyrene	12.92	202	417954	8.578	ng		94
81) Benzo(a)anthracene	14.10	228	214875	5.172	ng	#	85
83) Chrysene	14.14	228	214663	5.232	ng	#	94
86) Indeno(1,2,3-cd)pyrene	17.16	276	94074	2.463	ng		95
88) Benzo(b)fluoranthene	15.18	252	332536	7.748	ng	#	96
89) Benzo(k)fluoranthene	15.18	252	332536	8.687	ng	#	97
90) Benzo(a)pyrene	15.56	252	185024	4.973	ng		96
92) Benzo(g,h,i)perylene	17.62	276	103836	3.211	ng		98

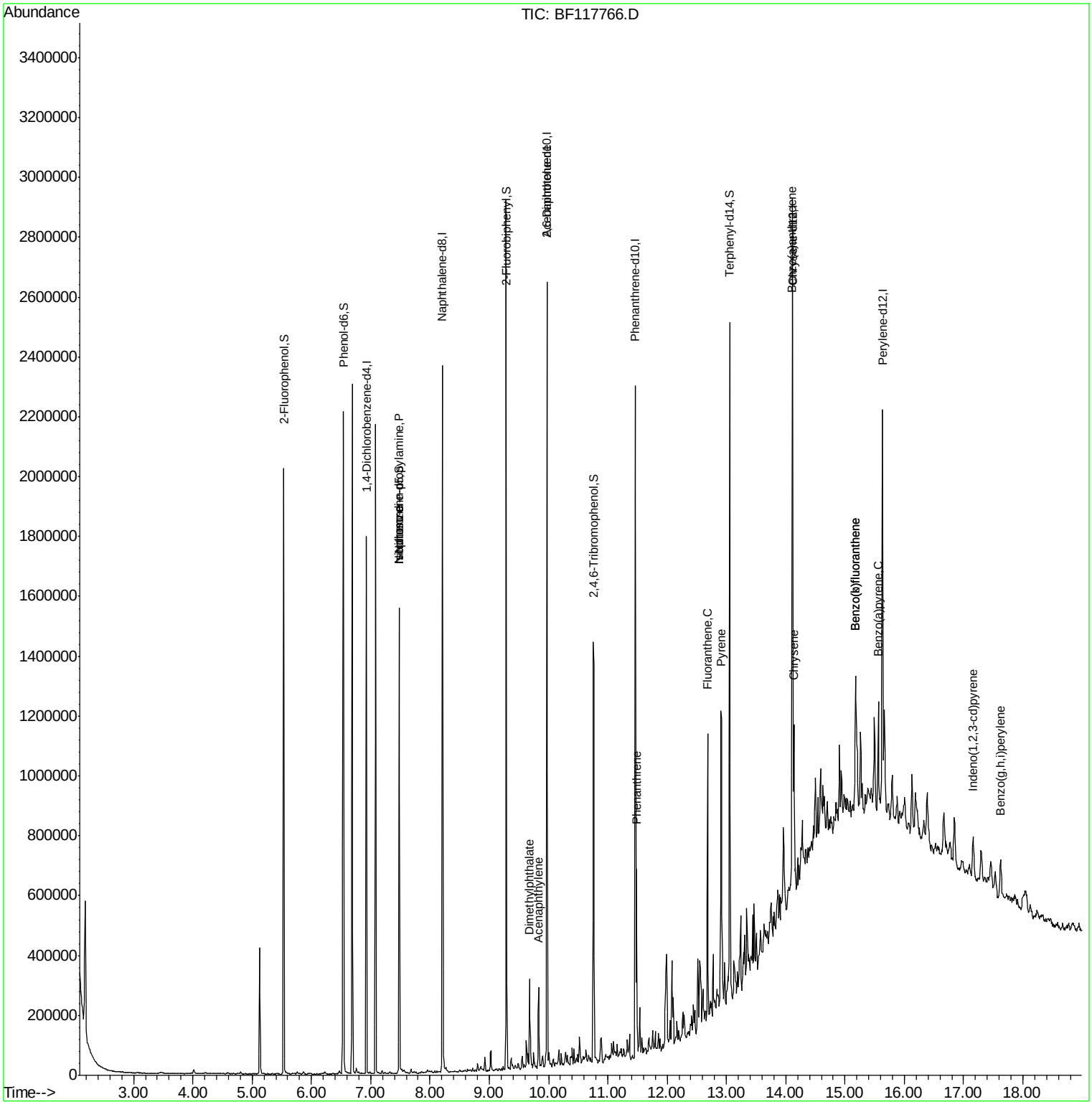
(#) = qualifier out of range (m) = manual integration (+) = signals summed

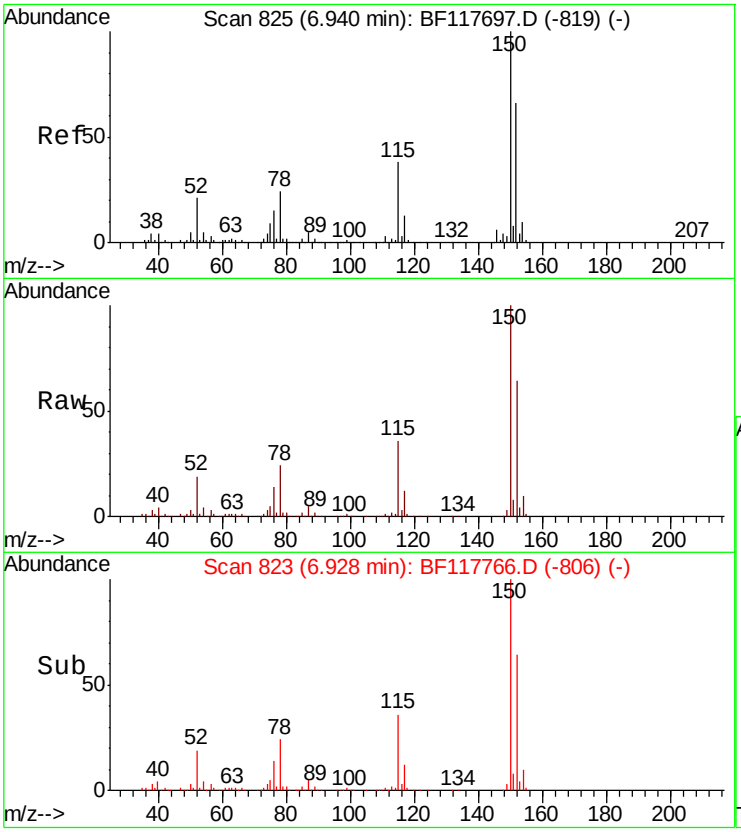
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
Data File : BF117766.D
Acq On : 12 Nov 2019 18:16
Operator : JU
Sample : K5670-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Quant Time: Nov 13 01:14:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 12 13:32:26 2019
Response via : Initial Calibration



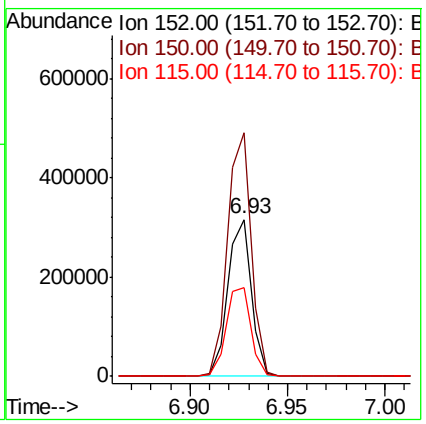


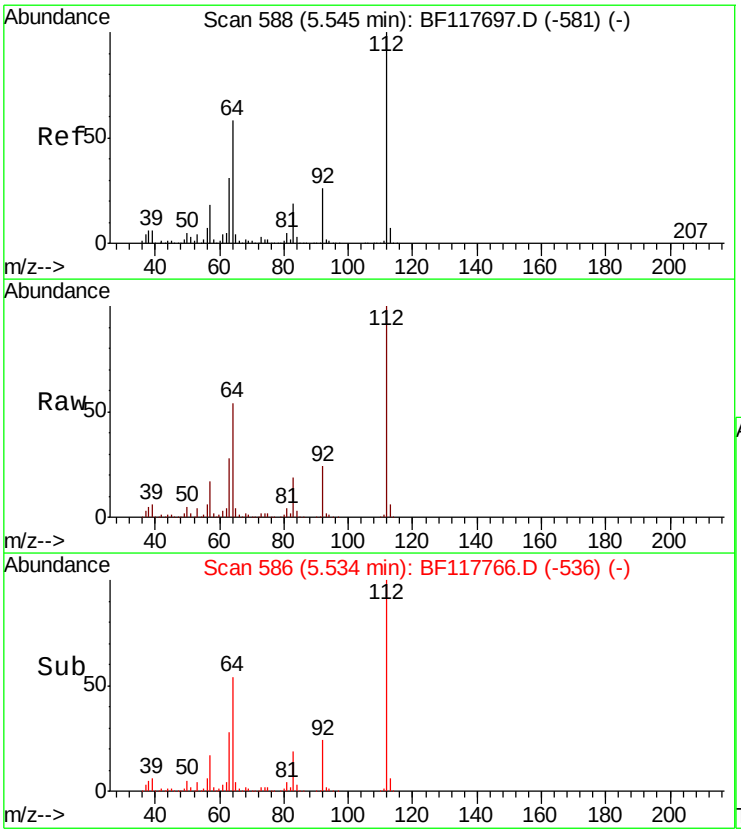
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion:152 Resp: 264303

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.6	190.0
115	56.5	47.6	71.4

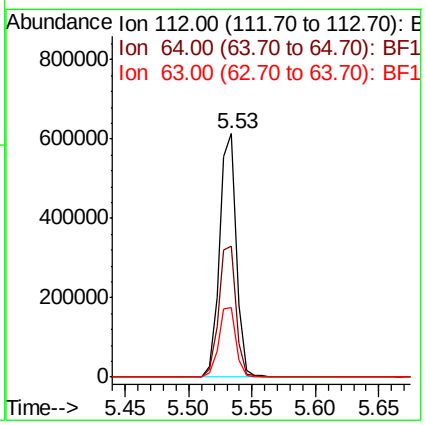


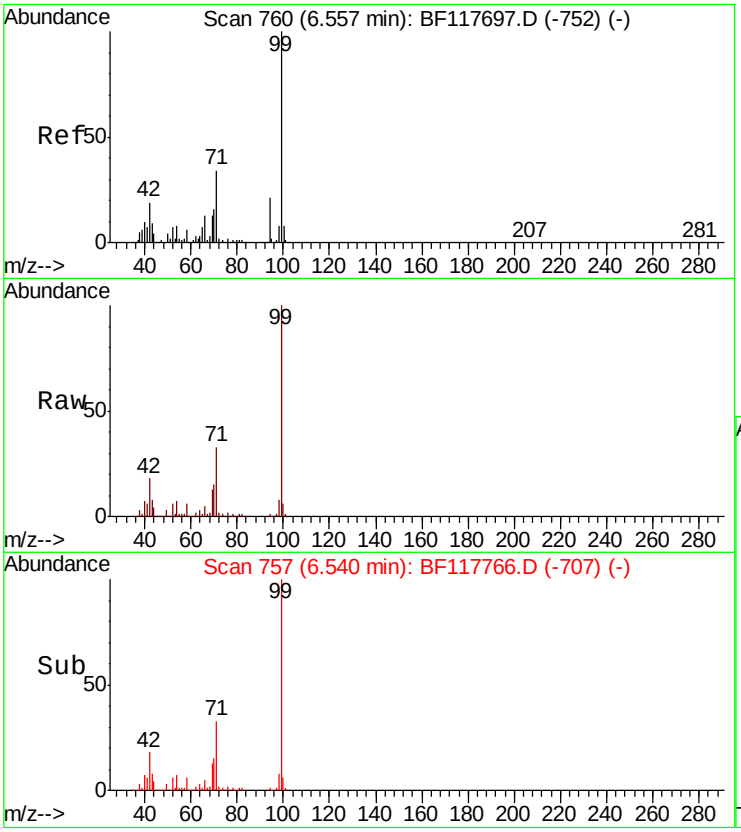


#5
2-Fluorophenol
Concen: 39.040 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion:112 Resp: 570034

Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.5	65.3
63	28.4	23.5	35.3



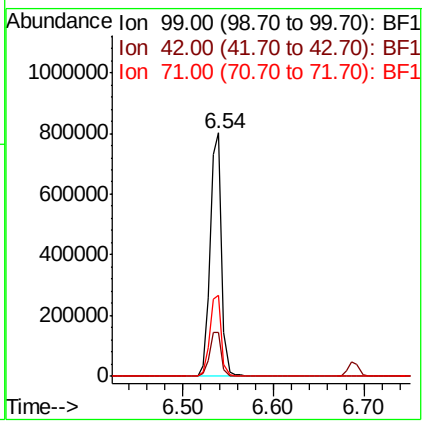


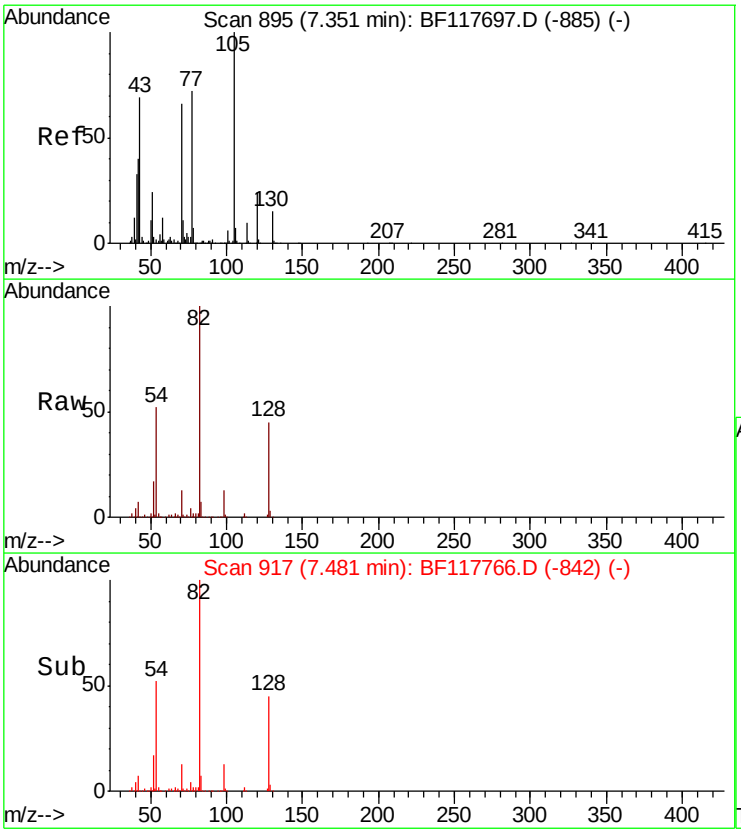
#7
Phenol-d6
Concen: 39.418 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion: 99 Resp: 709673

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.3	22.9
71	33.1	28.2	42.2

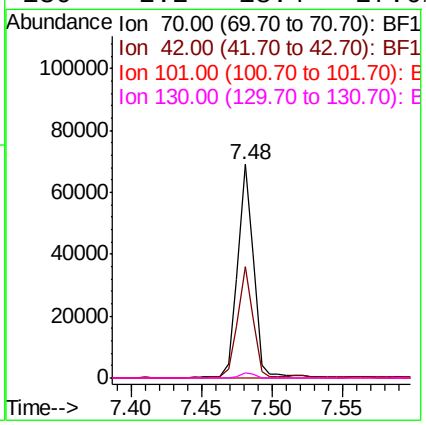


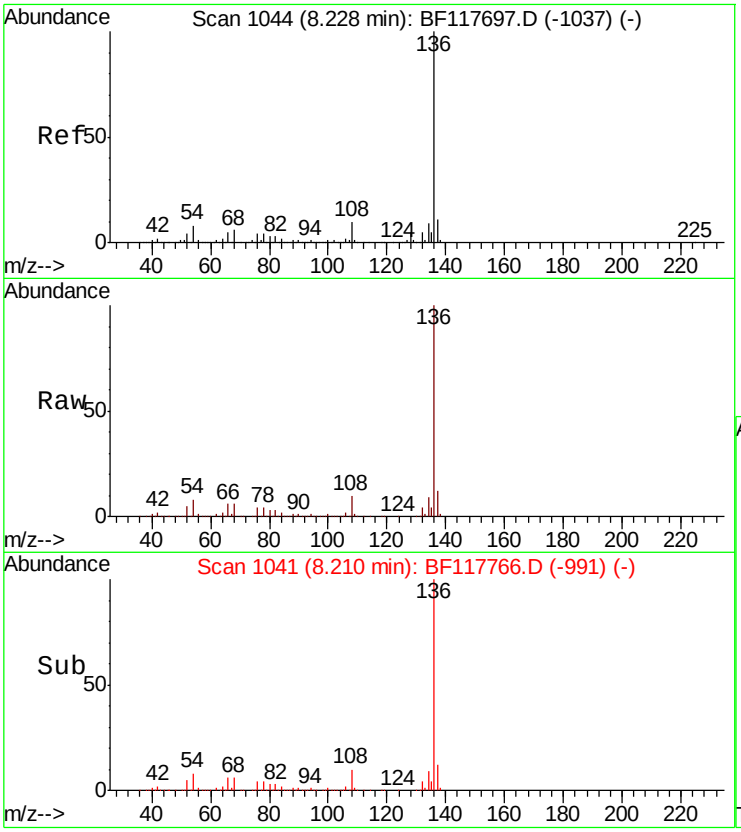


#19
n-Nitroso-di-n-propylamine
Concen: 4.667 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion: 70 Resp: 55248

Ion	Ratio	Lower	Upper
70	100		
42	51.9	48.7	73.1
101	0.0	8.4	12.6#
130	2.2	18.4	27.6#



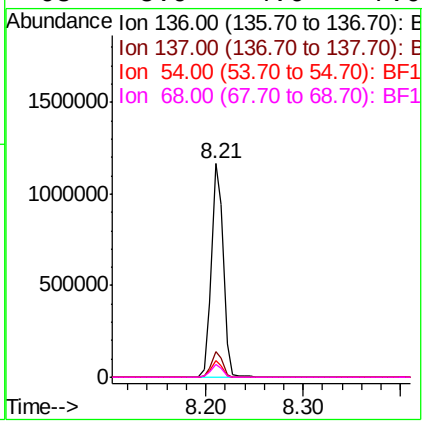


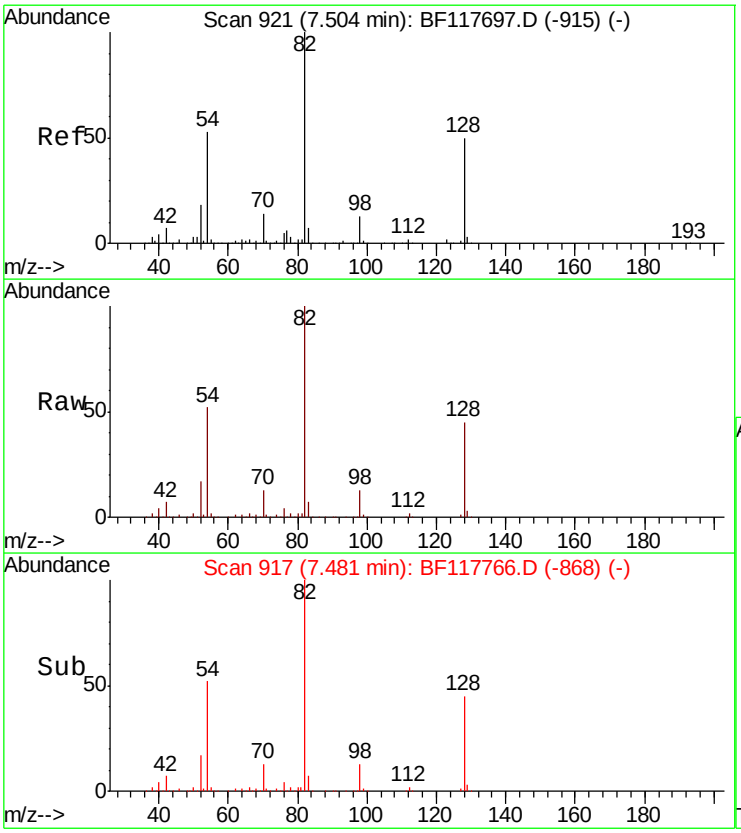
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion:136 Resp: 990006

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	7.9	6.1	9.1
68	5.9	4.6	7.0

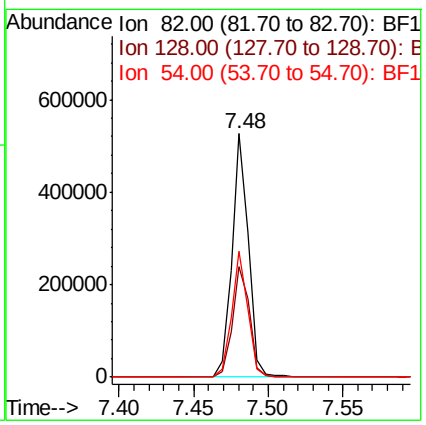


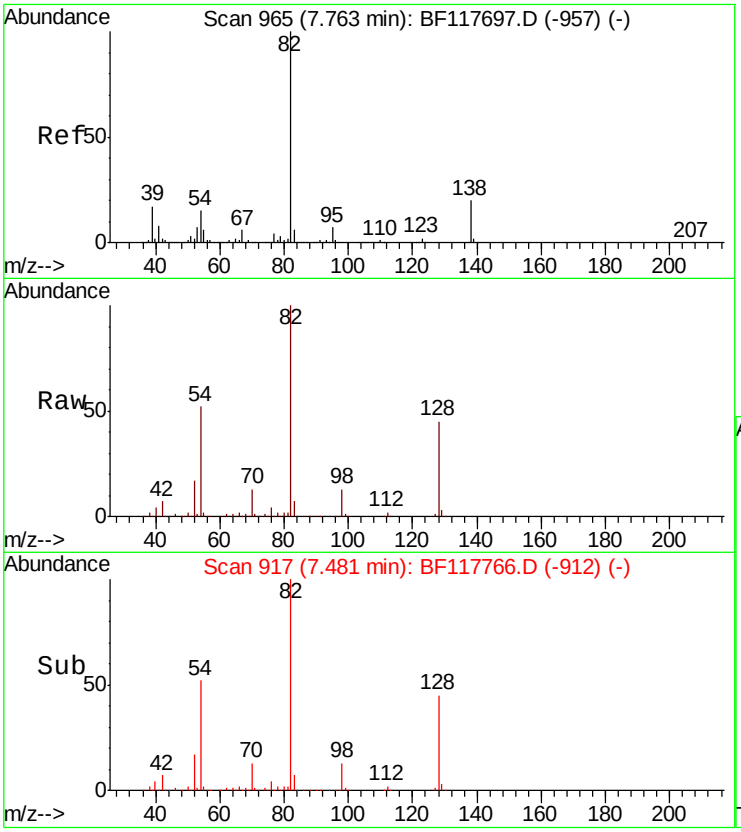


#23
Nitrobenzene-d5
Concen: 24.471 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion: 82 Resp: 410350

Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.7	58.1
54	51.9	41.4	62.2



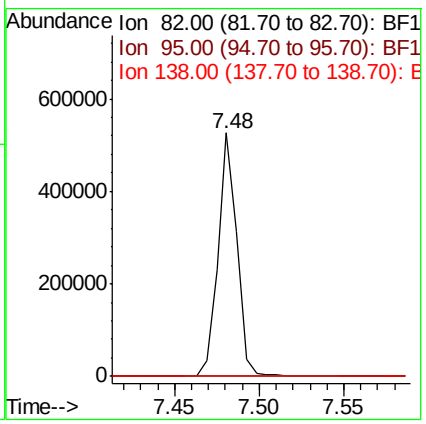


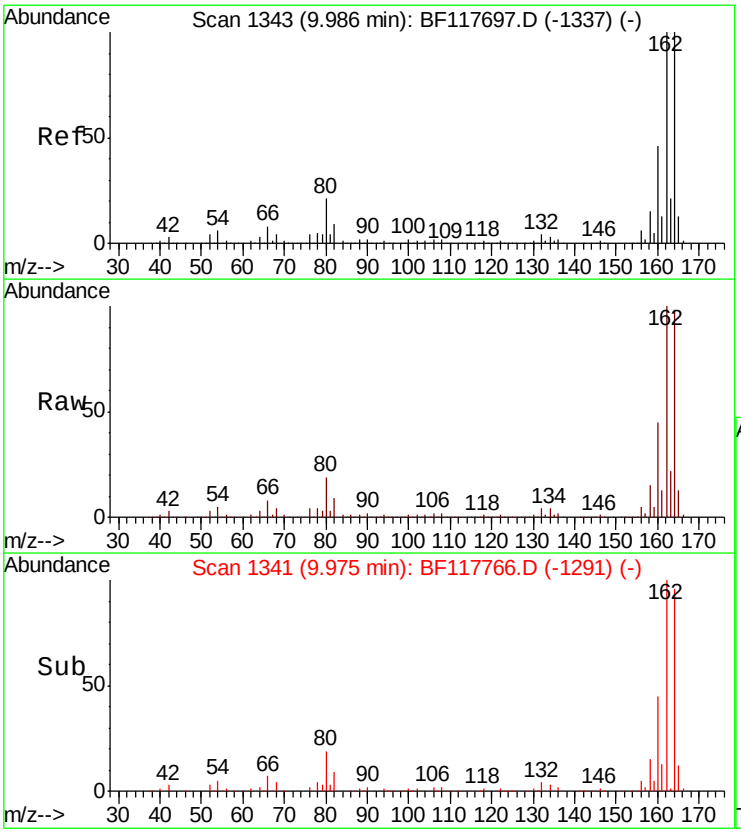
#25
Isophorone
Concen: 12.735 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion: 82 Resp: 408443

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	16.0	24.0#

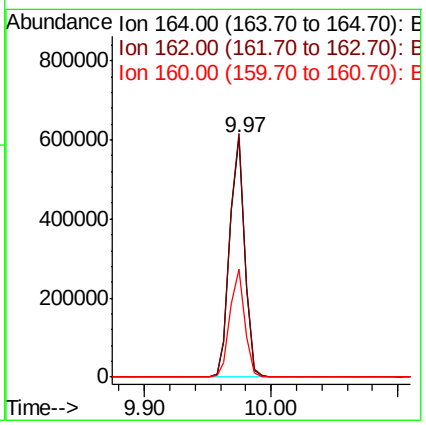


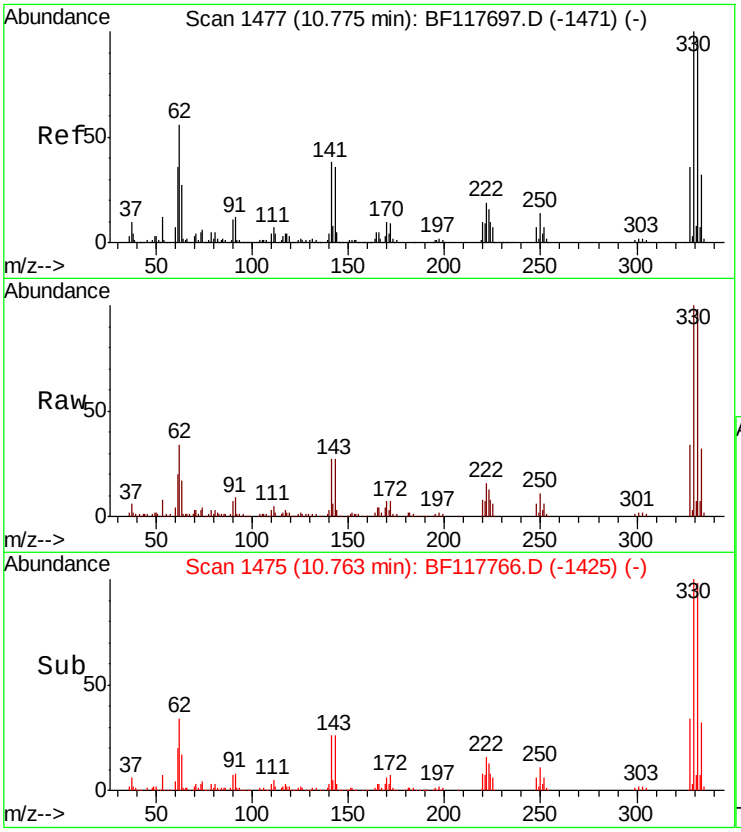


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion:164 Resp: 484569

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.2	121.8
160	45.3	36.3	54.5



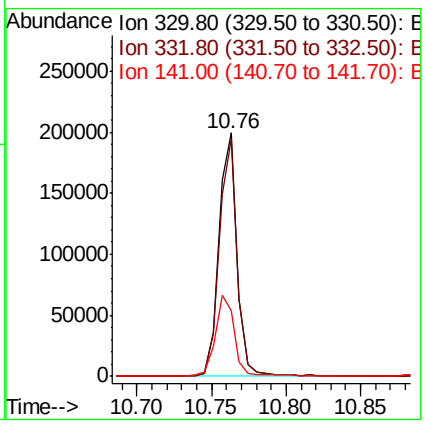


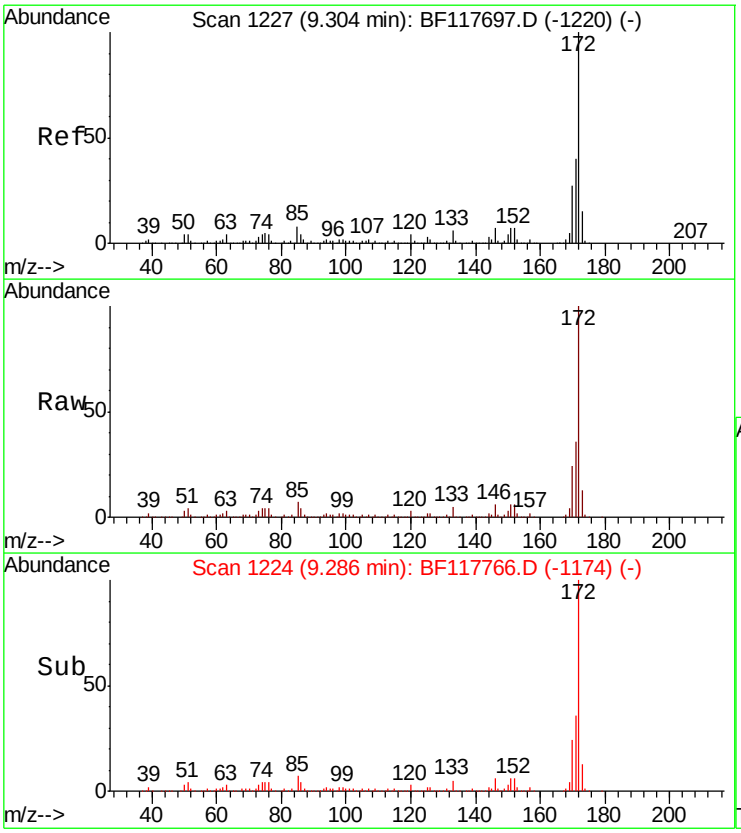
#42
2,4,6-Tribromophenol
Concen: 36.027 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion:330 Resp: 170773

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	33.7	26.5	39.7

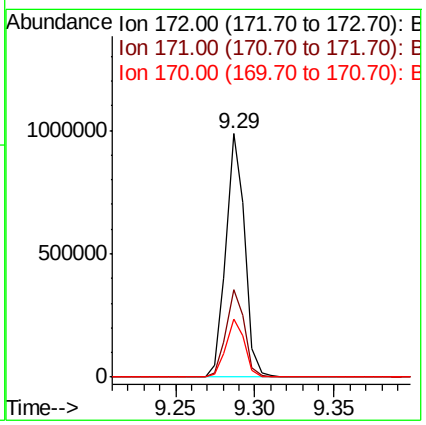


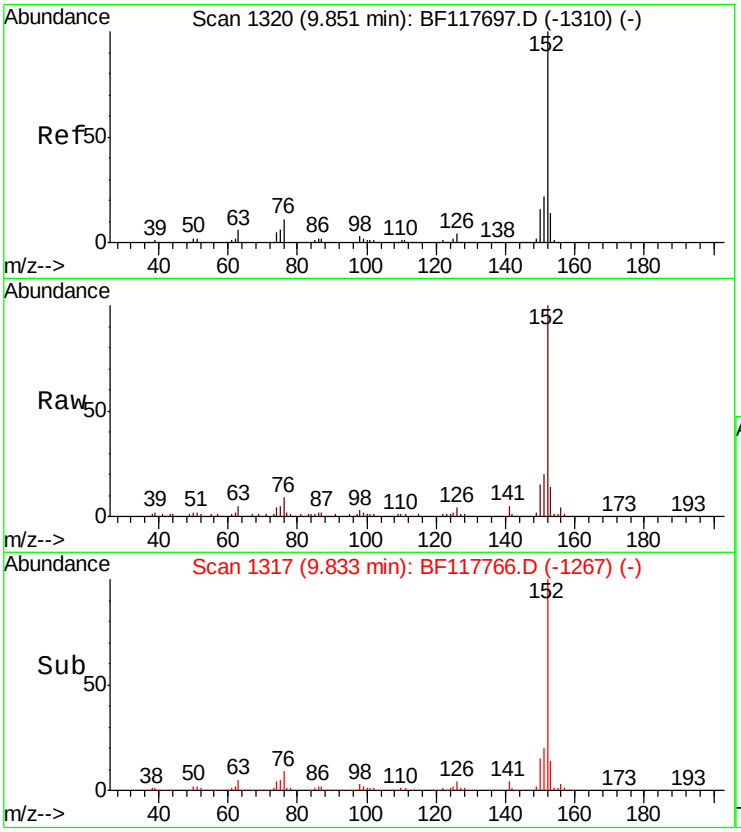


#45
2-Fluorobiphenyl
Concen: 32.893 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion:172 Resp: 807852

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.7	46.1
170	23.7	20.6	30.8



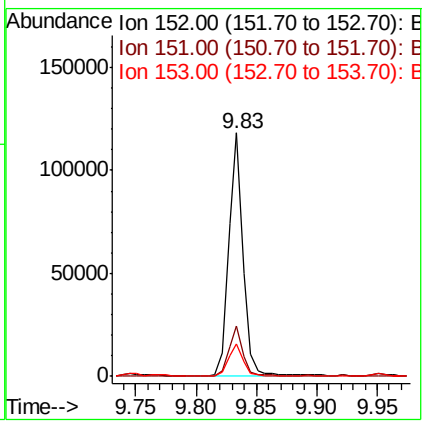


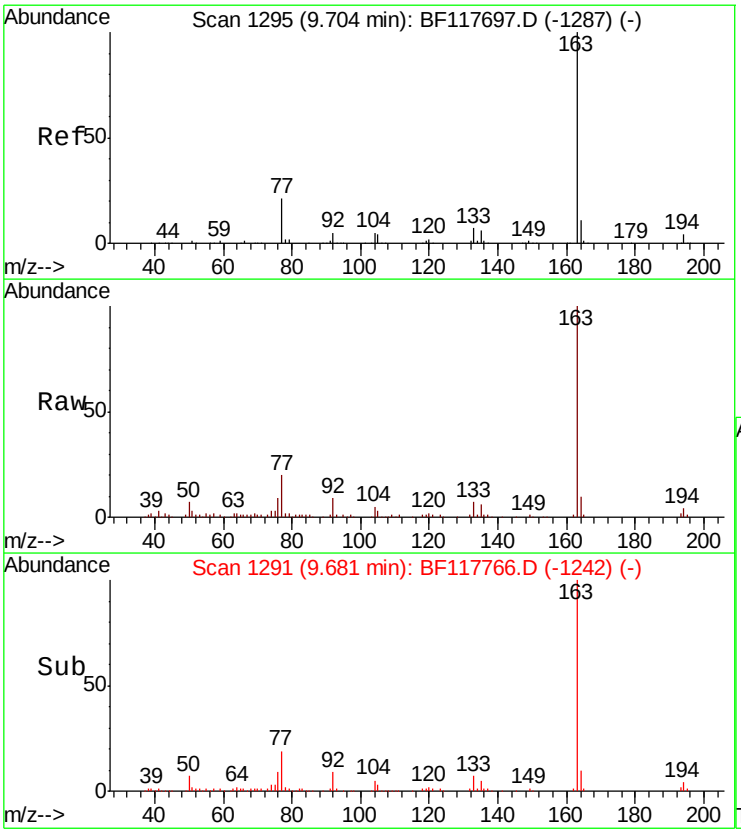
#49
Acenaphthylene
Concen: 2.393 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument : BNA_F
ClientSampleId : OK-02-111119

Tgt Ion:152 Resp: 98157

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.5	26.3
153	13.6	11.7	17.5

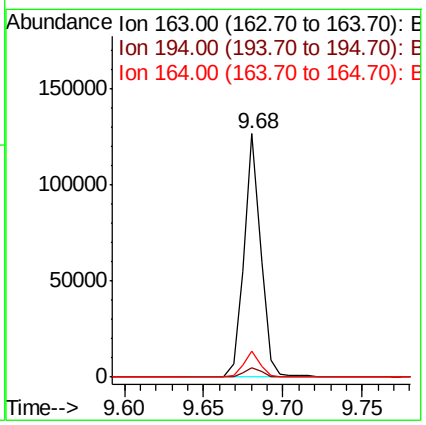


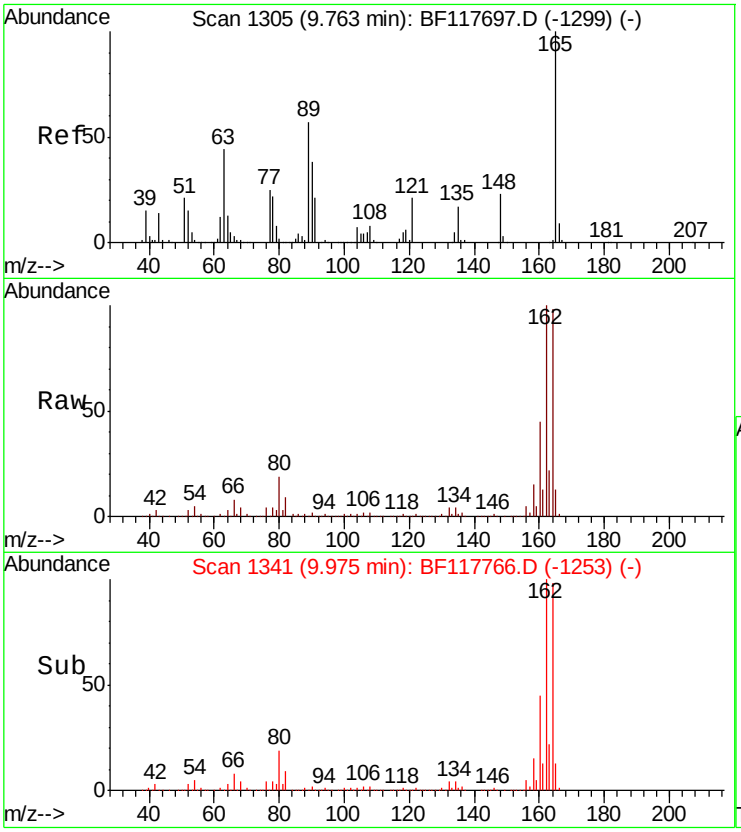


#50
Dimethylphthalate
Concen: 2.834 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion:163 Resp: 92841

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.4	8.6	13.0



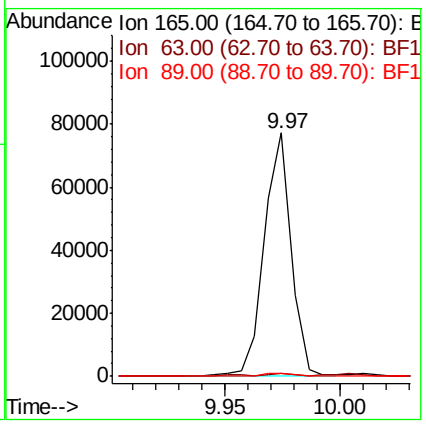


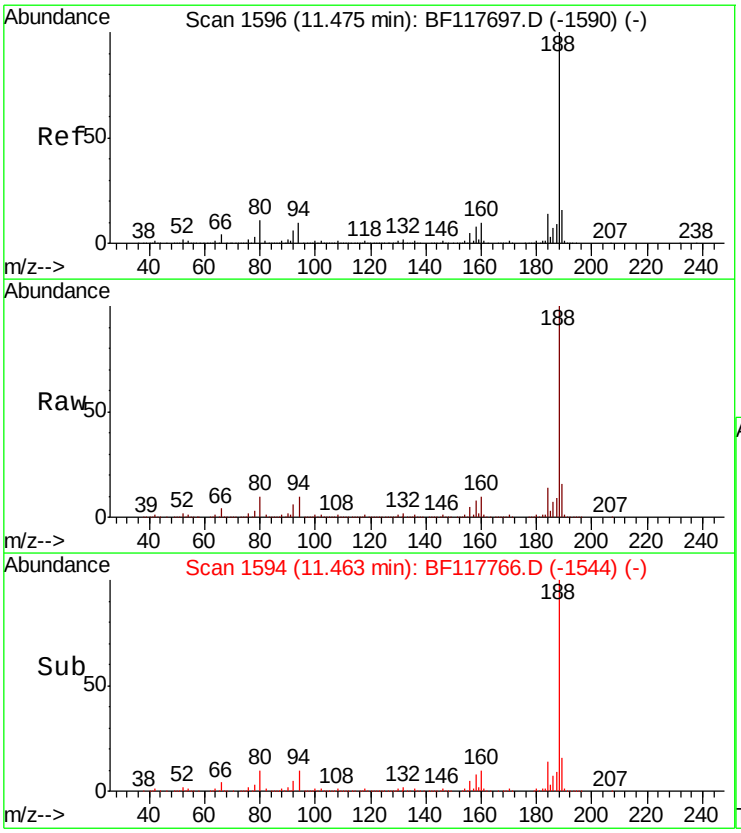
#51
2,6-Dinitrotoluene
Concen: 8.596 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.22 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion:165 Resp: 63057

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.6	55.0#
89	1.4	39.2	58.8#

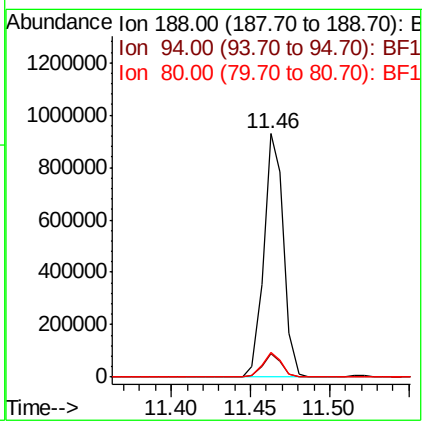


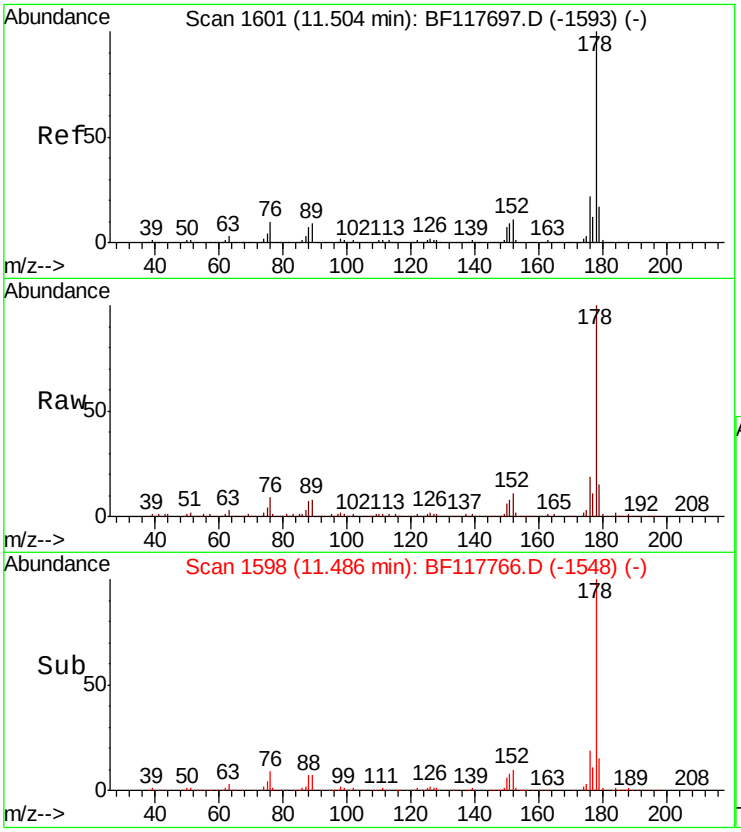


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion:188 Resp: 812461

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	10.1	8.1	12.1



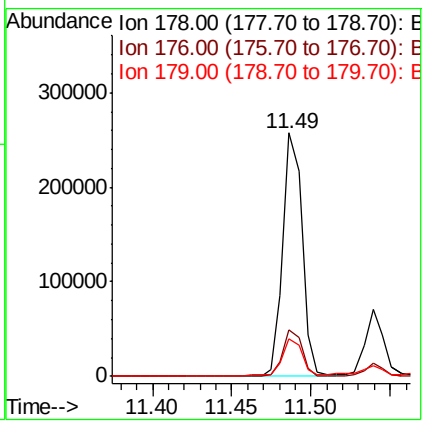


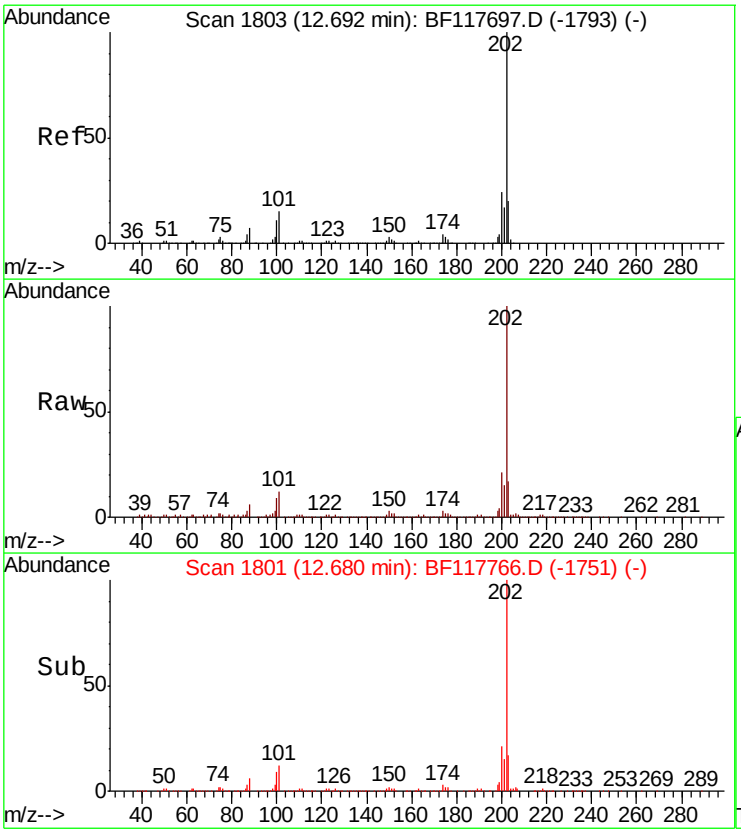
#71
Phenanthrene
Concen: 5.597 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion:178 Resp: 217963

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.8	25.2
179	15.5	13.5	20.3

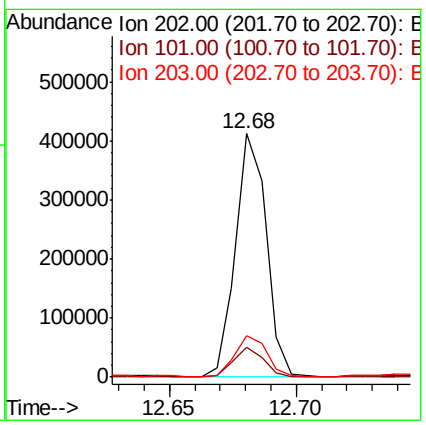


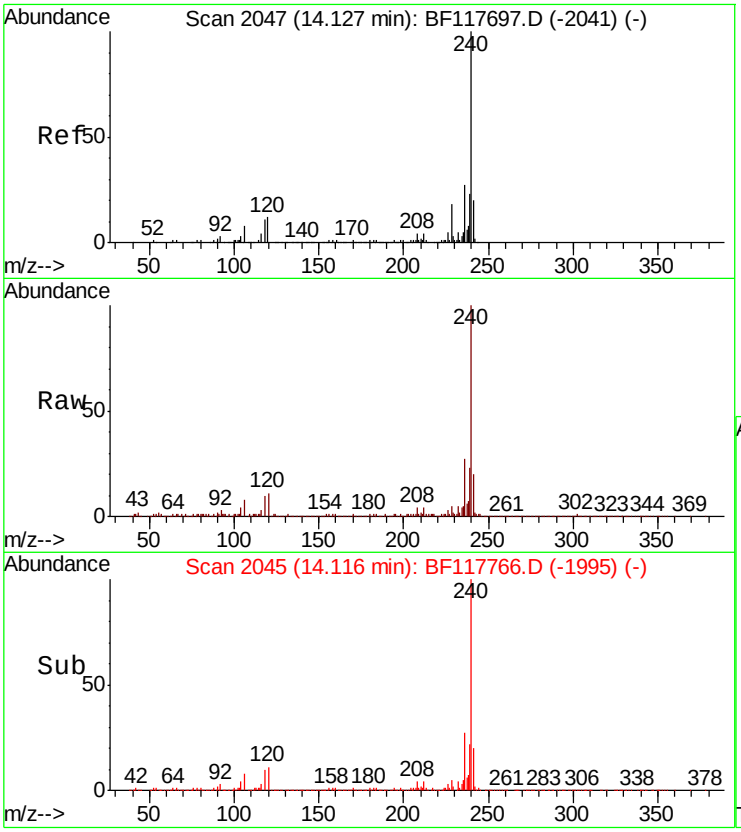


#75
Fluoranthene
Concen: 8.714 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion:202 Resp: 346487

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.5
203	16.9	0.0	38.9



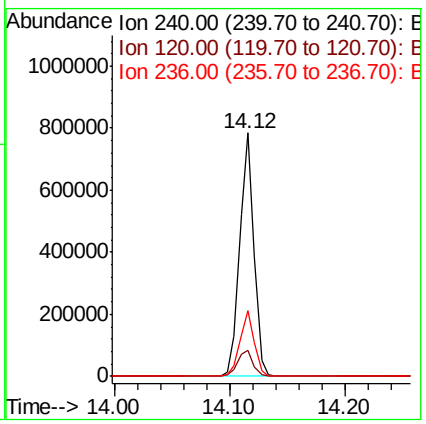


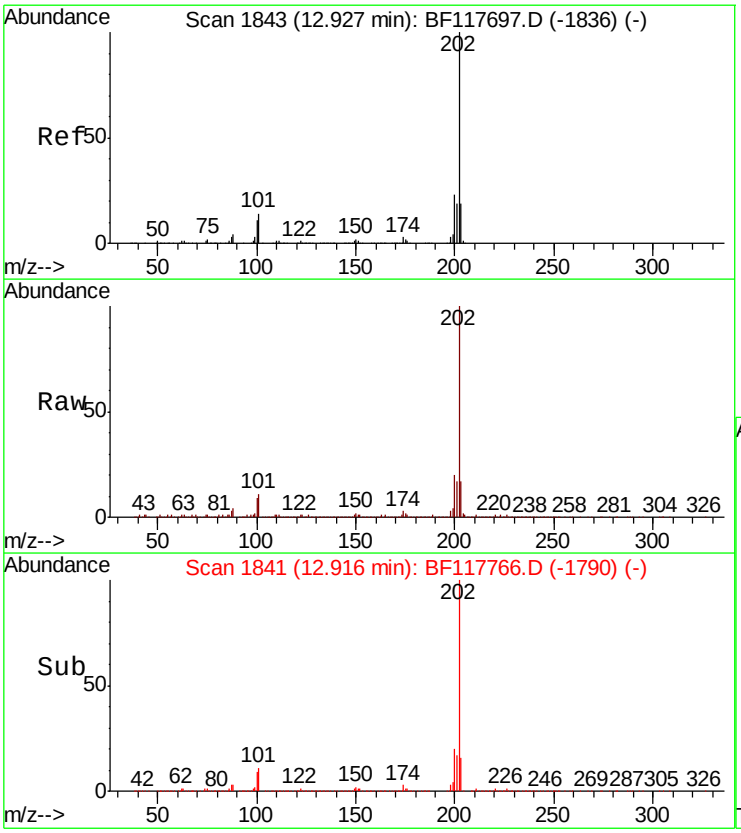
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion:240 Resp: 667493

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.3	13.9
236	26.7	21.4	32.0

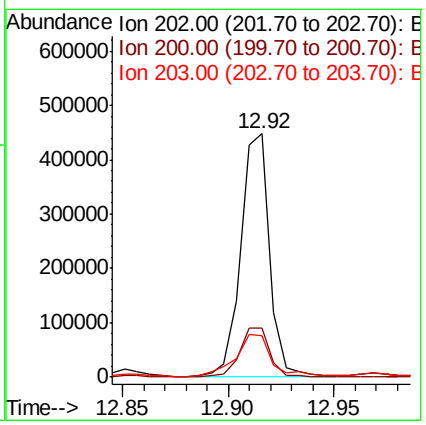


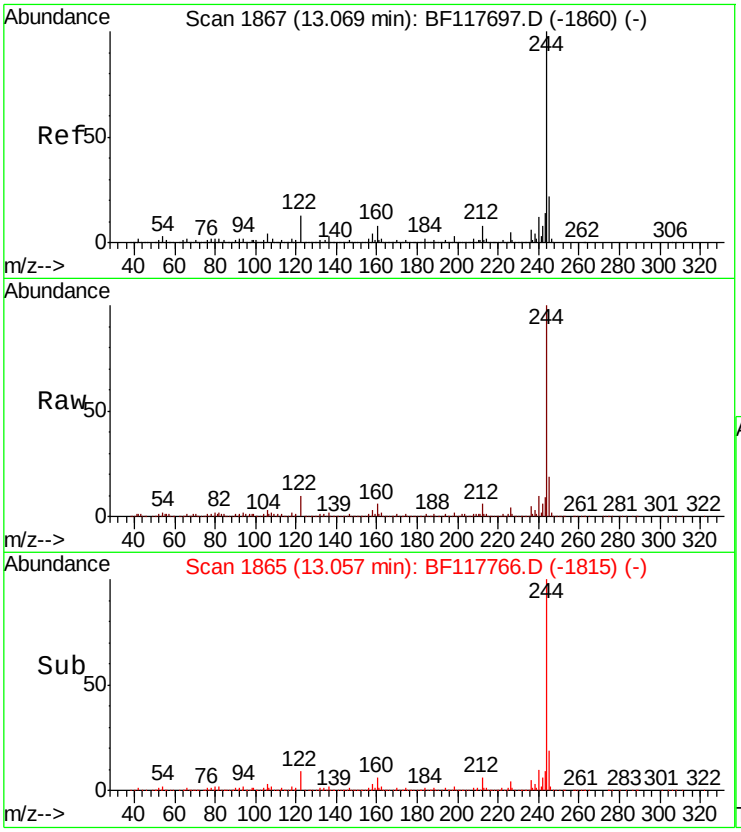


#78
Pyrene
Concen: 8.578 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion:202 Resp: 417954

Ion	Ratio	Lower	Upper
202	100		
200	20.3	18.9	28.3
203	17.1	15.3	22.9



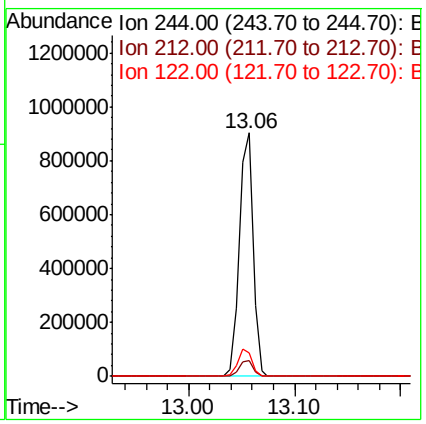


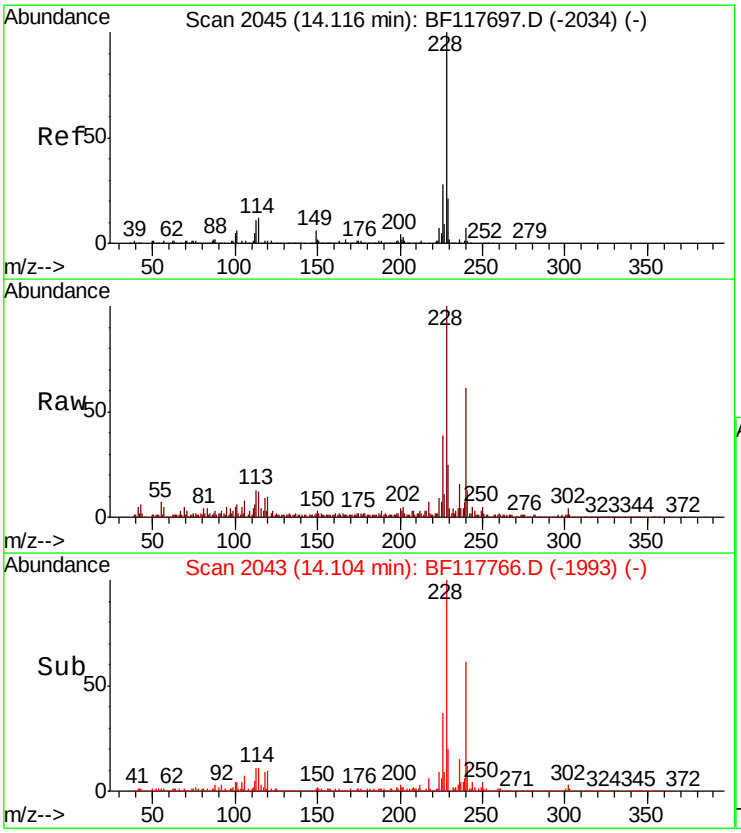
#79
Terphenyl-d14
Concen: 24.792 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion:244 Resp: 803890

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.2	9.4
122	9.5	9.1	13.7

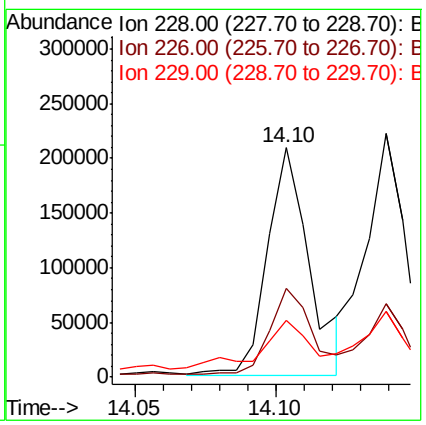


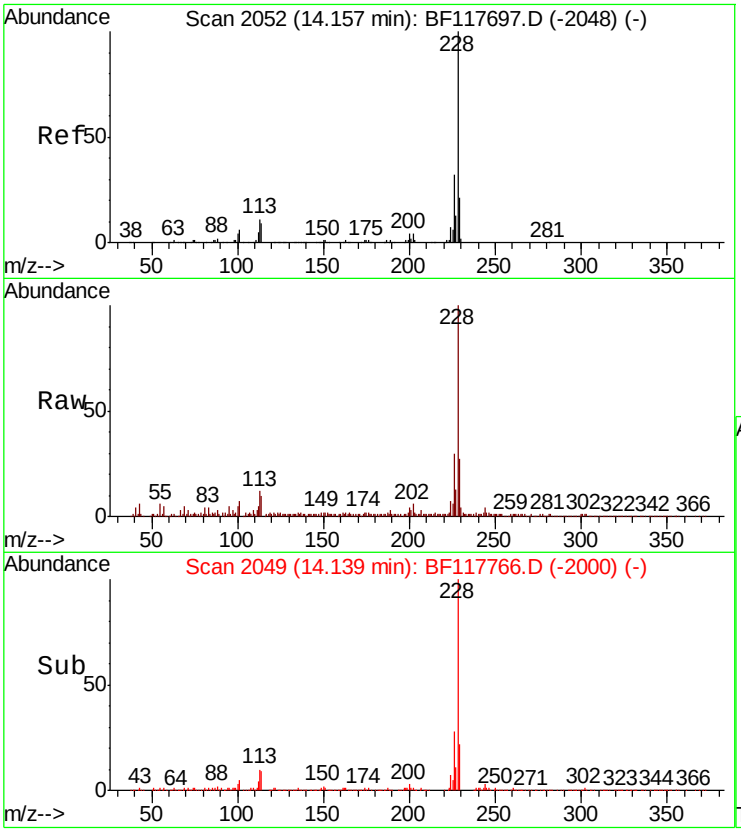


#81
Benzo(a)anthracene
Concen: 5.172 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion:228 Resp: 214875

Ion	Ratio	Lower	Upper
228	100		
226	38.9	22.6	33.8#
229	24.5	17.0	25.4



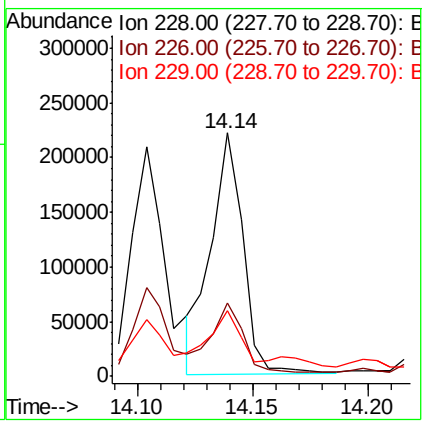


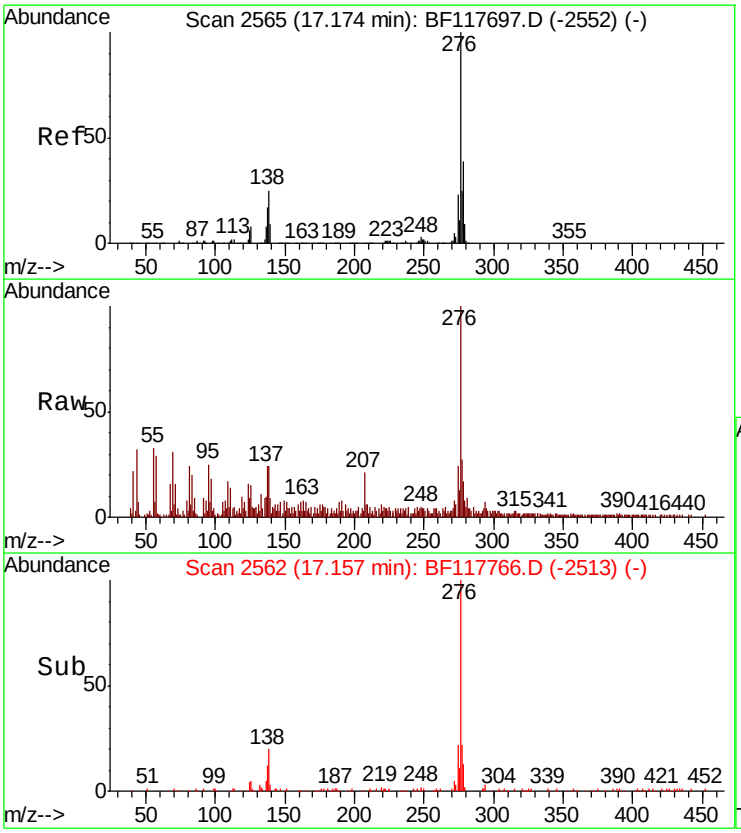
#83
Chrysene
Concen: 5.232 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion:228 Resp: 214663

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.1	37.7
229	26.8	16.6	25.0#

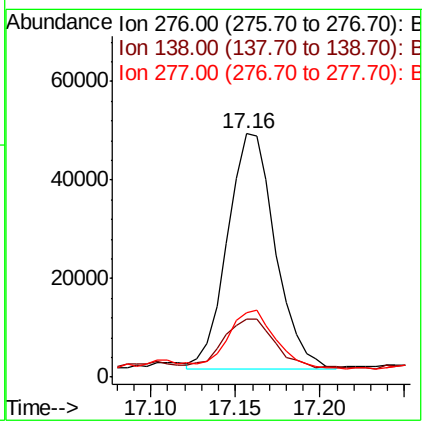


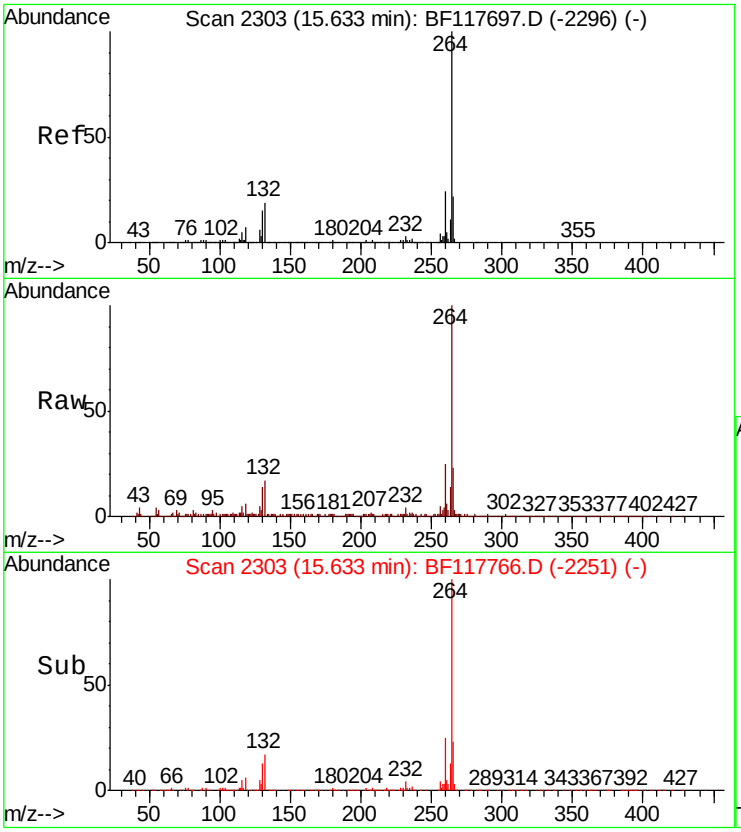


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.463 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion:276 Resp: 94074

Ion	Ratio	Lower	Upper
276	100		
138	22.8	21.2	31.8
277	24.1	20.1	30.1



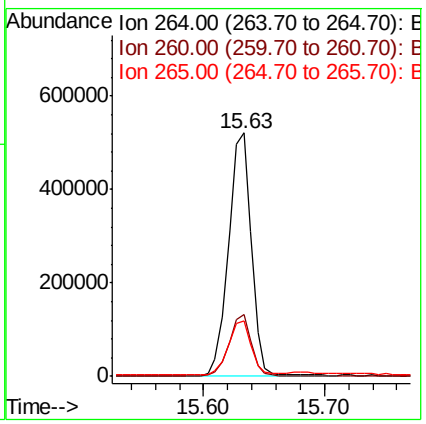


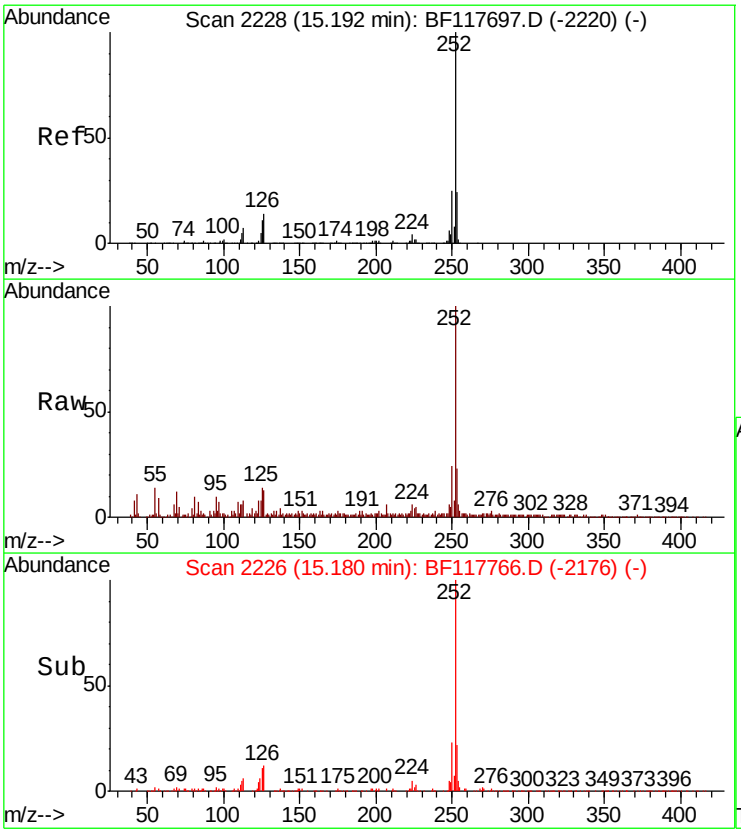
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion:264 Resp: 681477

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.0	28.6
265	22.9	17.2	25.8

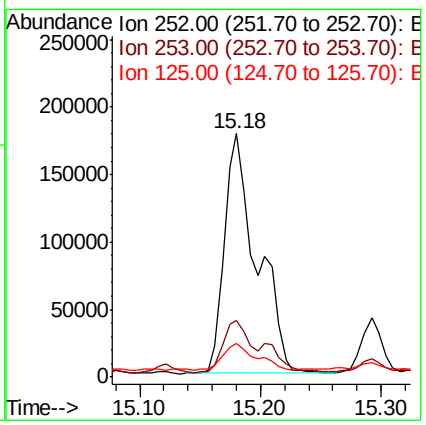


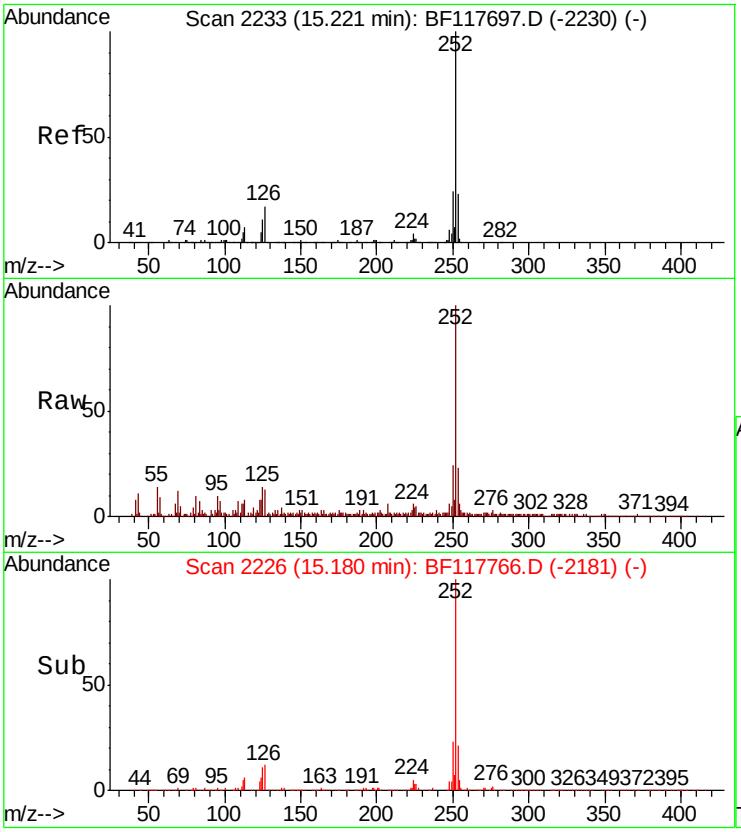


#88
Benzo(b)fluoranthene
Concen: 7.748 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion:252 Resp: 332536

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	14.0	8.4	12.6#



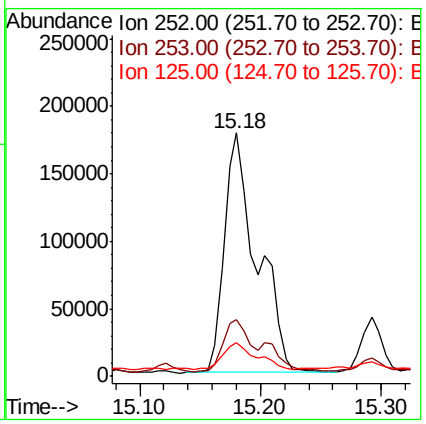


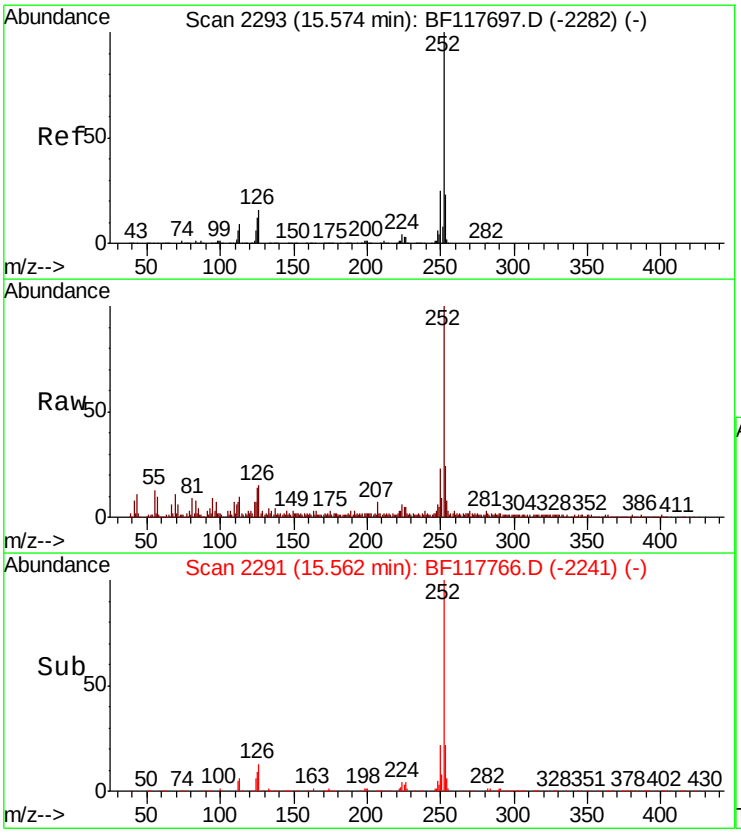
#89
Benzo(k)fluoranthene
Concen: 8.687 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.04 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion:252 Resp: 332536

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	14.0	8.9	13.3#

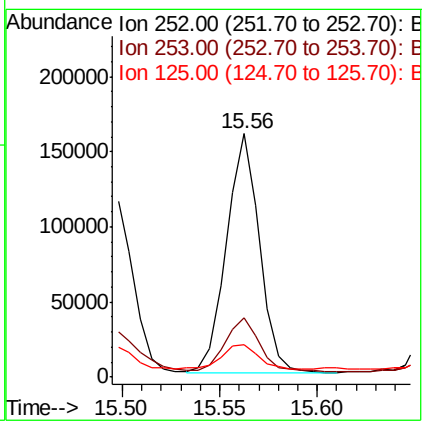


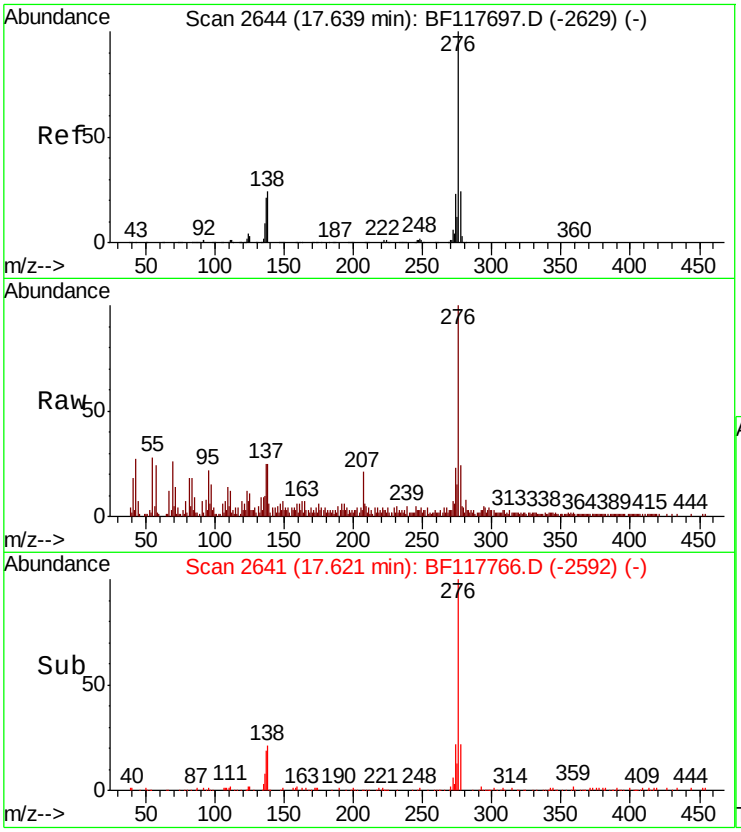


#90
Benzo(a)pyrene
Concen: 4.973 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Tgt Ion:252 Resp: 185024

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	13.5	9.6	14.4





#92
Benzo(g,h,i)perylene
Concen: 3.211 ng
RT: 17.62 min Scan# 2641
Delta R.T. -0.01 min
Lab File: BF117766.D
Acq: 12 Nov 2019 18:16

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tgt Ion:276 Resp: 103836

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.6
138	24.7	18.6	27.8