Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115133.D
Acq On : 22 Jun 2019 20:50
Operator : HP/JU
Sample : K3158-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-062019

Quant Time: Jun 24 04:38:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	746273	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	2721852	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	1346510	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	2351629	20.00	ng		0.00
76) Chrysene-d12	13.74	240	1522641	20.00	ng		-0.01
87) Perylene-d12	15.10	264	1575779	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	792422	16.39	ng		0.00
7) Phenol-d6	6.24	99	1000361	17.04	ng		-0.01
23) Nitrobenzene-d5	7.17	82	579994	13.11	ng		-0.02
42) 2,4,6-Tribromophenol	10.41	330	228206	16.07	ng		-0.02
45) 2-Fluorobiphenyl	8.97	172	1026824	12.95	ng		-0.02
79) Terphenyl-d14	12.69	244	870285	12.15	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	75501	2.009	ng	#	80
25) Isophorone	7.17	82	555857	6.133	ng	#	63
51) 2,6-Dinitrotoluene	9.64	165	178102	7.787	ng	#	29
57) 2,4-Dinitrotoluene	9.64	165	178102	6.031	ng	#	30
58) Fluorene	10.18	166	43320	Below Cal		#	94
61) 4-Chlorophenyl-phenylether	10.02	204	106	Below Cal		#	1
65) 4,6-Dinitro-2-methylphenol	10.41	198	467	4.993	ng	#	1
71) Phenanthrene	11.13	178	393571	3.108	ng		98
75) Fluoranthene	12.31	202	1550836	12.276	ng		99
78) Pyrene	12.54	202	1665916	14.237	ng		98
81) Benzo(a)anthracene	13.72	228	1102902	10.095	ng		96
83) Chrysene	13.76	228	1084578	10.837	ng		98
86) Indeno(1,2,3-cd)pyrene	16.37	276	540708	4.566	ng		94
88) Benzo(b)fluoranthene	14.72	252	1907242	19.398	ng	#	97
89) Benzo(k)fluoranthene	14.72	252	1907242	21.630	ng		99
90) Benzo(a)pyrene	15.04	252	1010760	11.405	ng		99
92) Benzo(g,h,i)perylene	16.74	276	474077	5.662	ng		98

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

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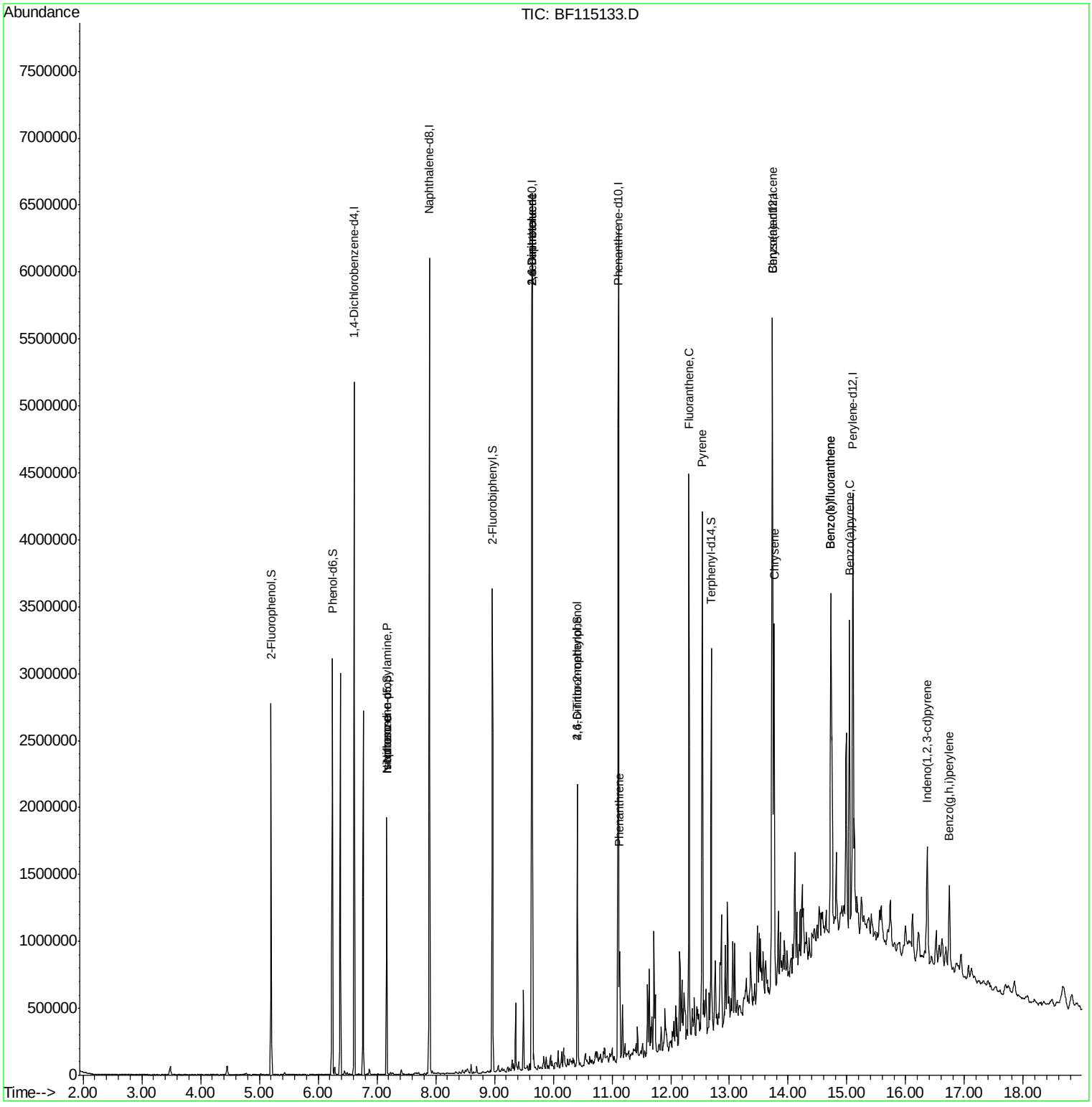
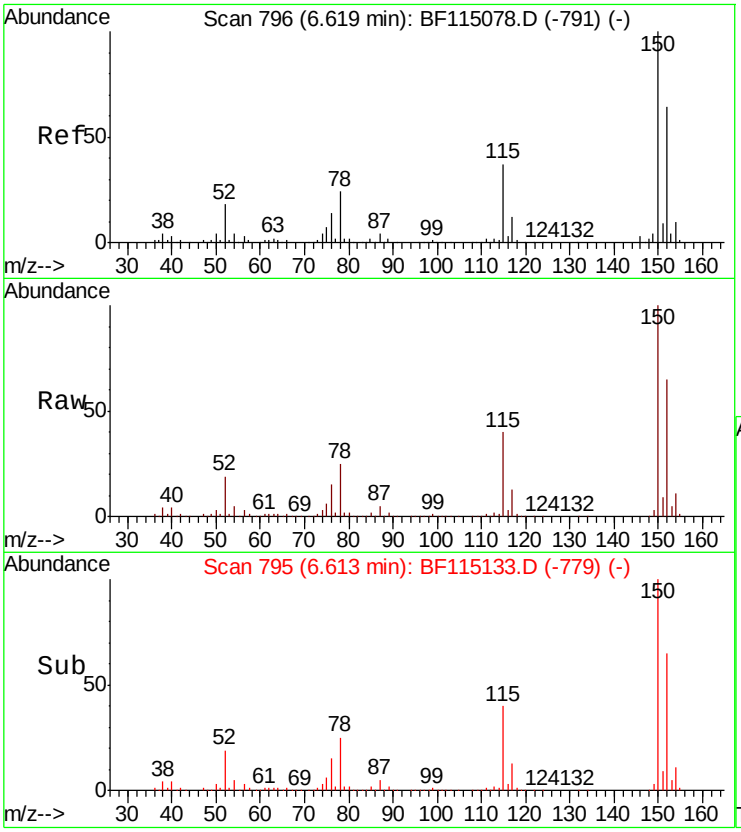


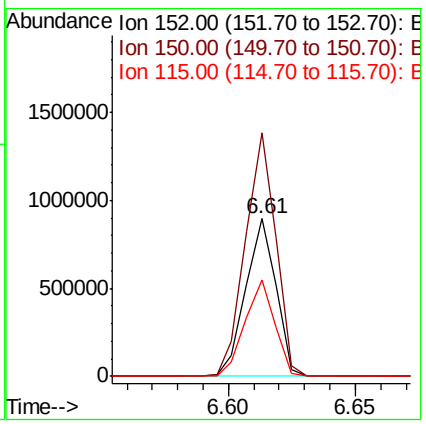


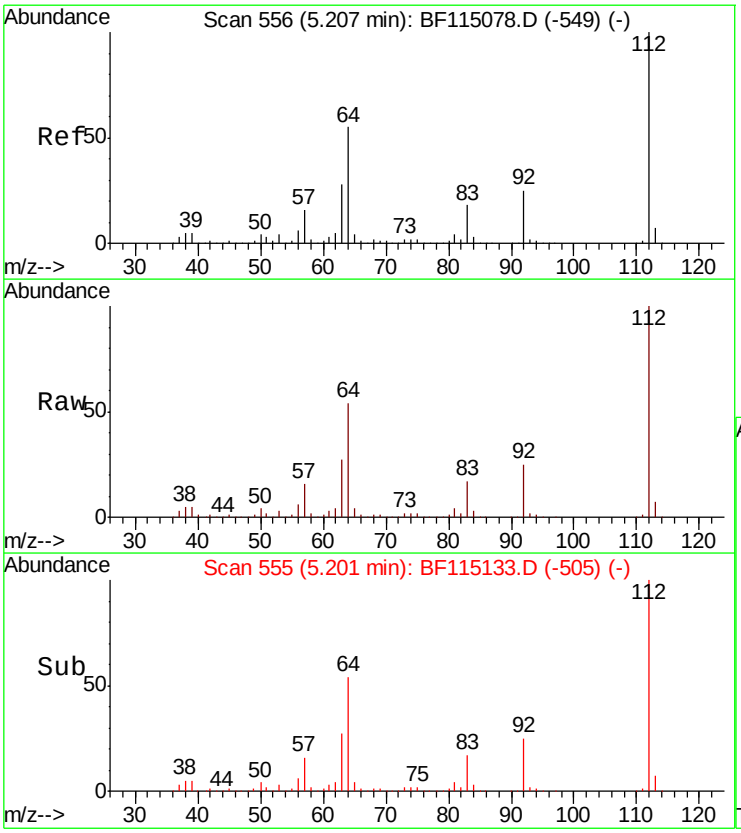
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:152 Resp: 746273

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.2	186.2
115	61.1	46.1	69.1

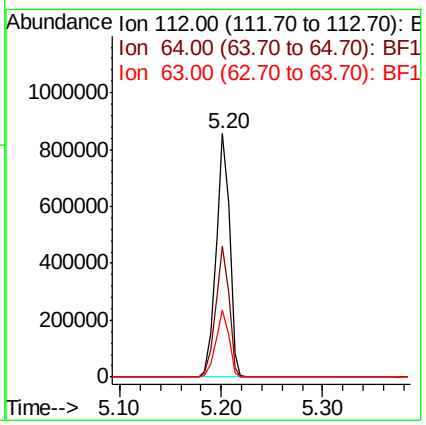


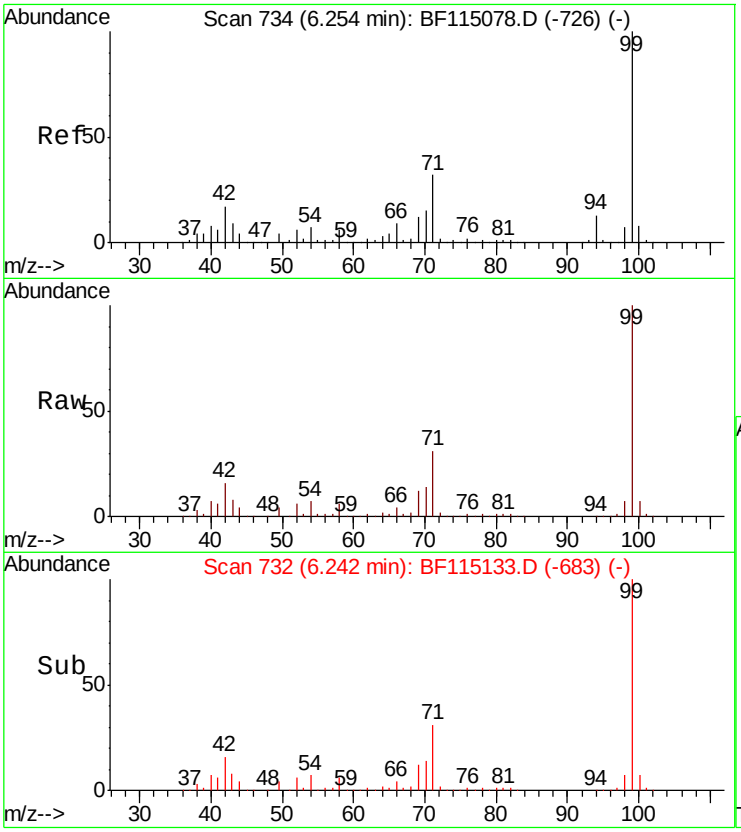


#5
2-Fluorophenol
Concen: 16.386 ng
RT: 5.20 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion:112 Resp: 792422

Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.8	65.6
63	27.3	22.2	33.4



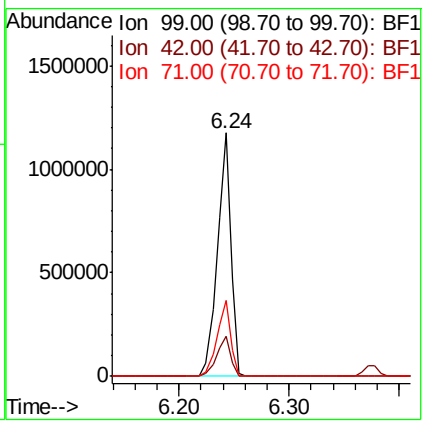


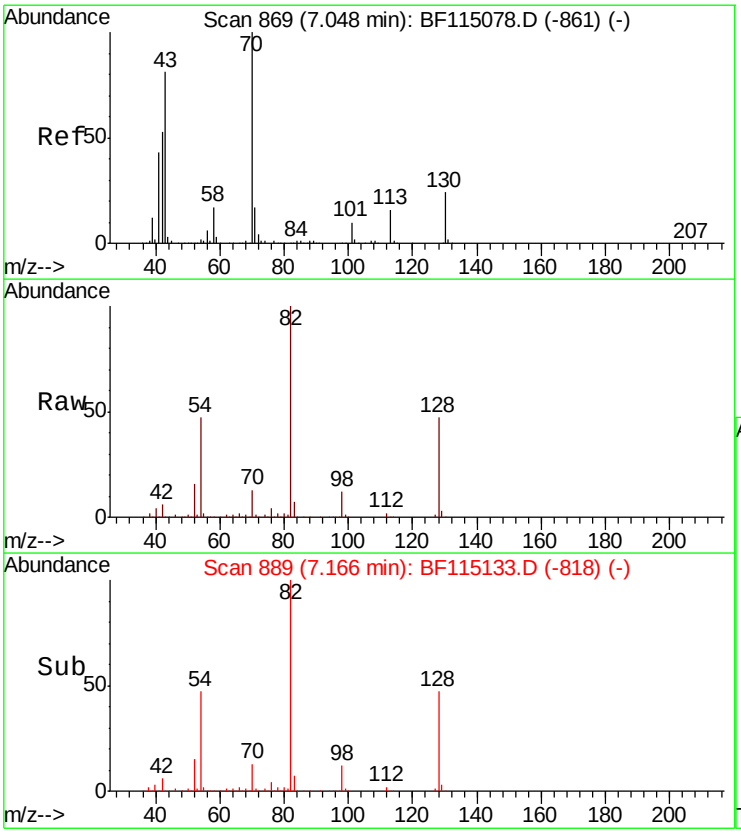
#7
Phenol-d6
Concen: 17.043 ng
RT: 6.24 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion: 99 Resp: 1000361

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.6	20.4
71	31.4	25.5	38.3

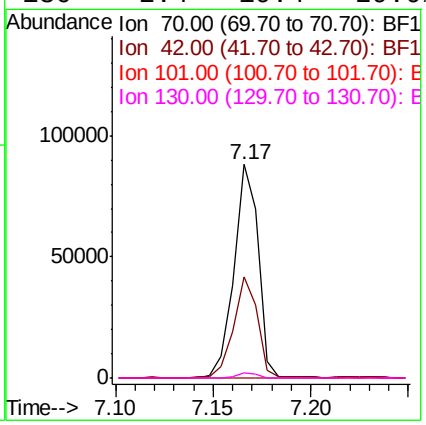


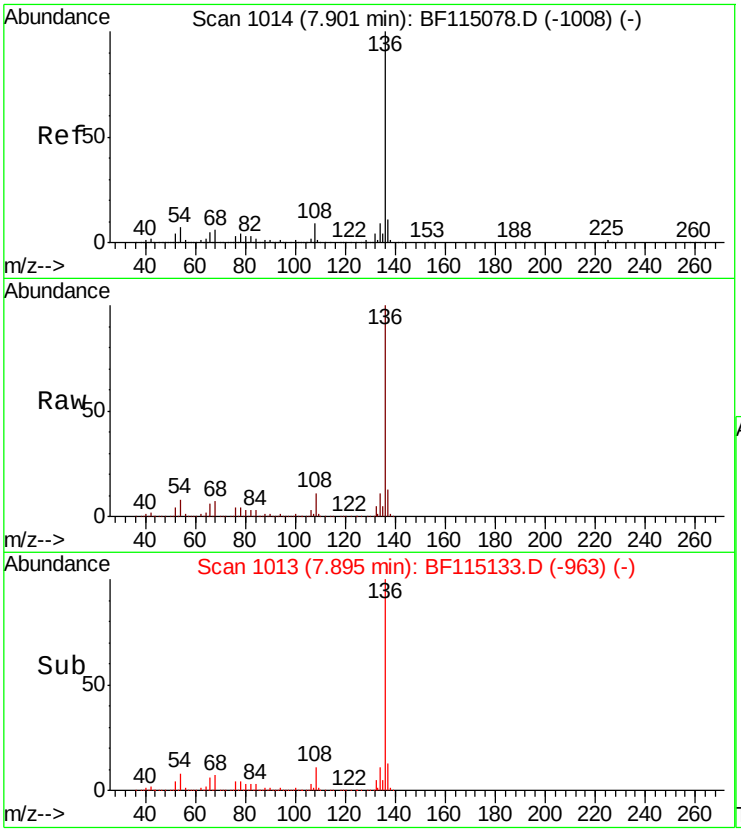


#19
n-Nitroso-di-n-propylamine
Concen: 2.009 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.12 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion: 70 Resp: 75501

Ion	Ratio	Lower	Upper
70	100		
42	47.3	42.6	63.8
101	0.0	8.0	12.0#
130	2.4	19.4	29.0#



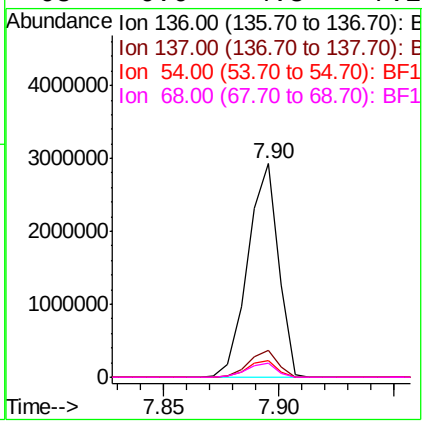


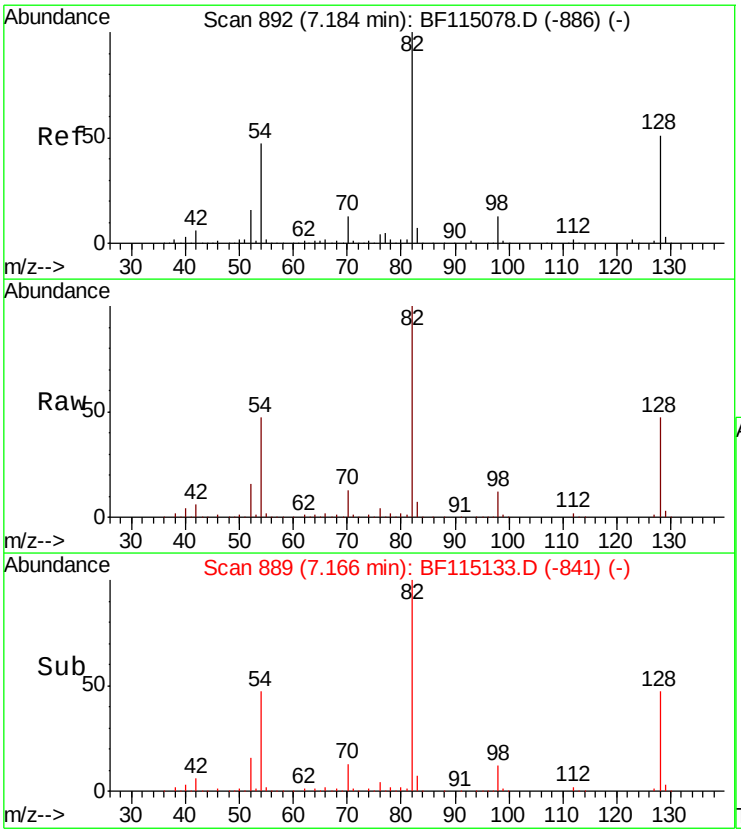
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:136 Resp: 2721852

Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.9	13.3
54	7.6	5.6	8.4
68	6.6	4.8	7.2

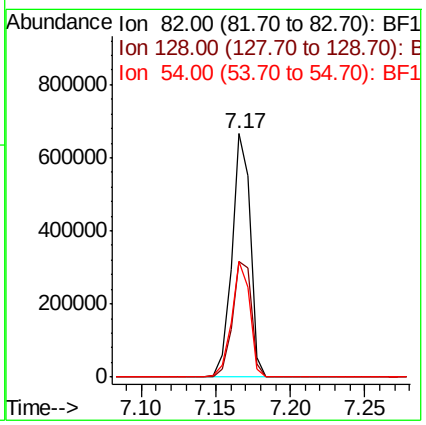


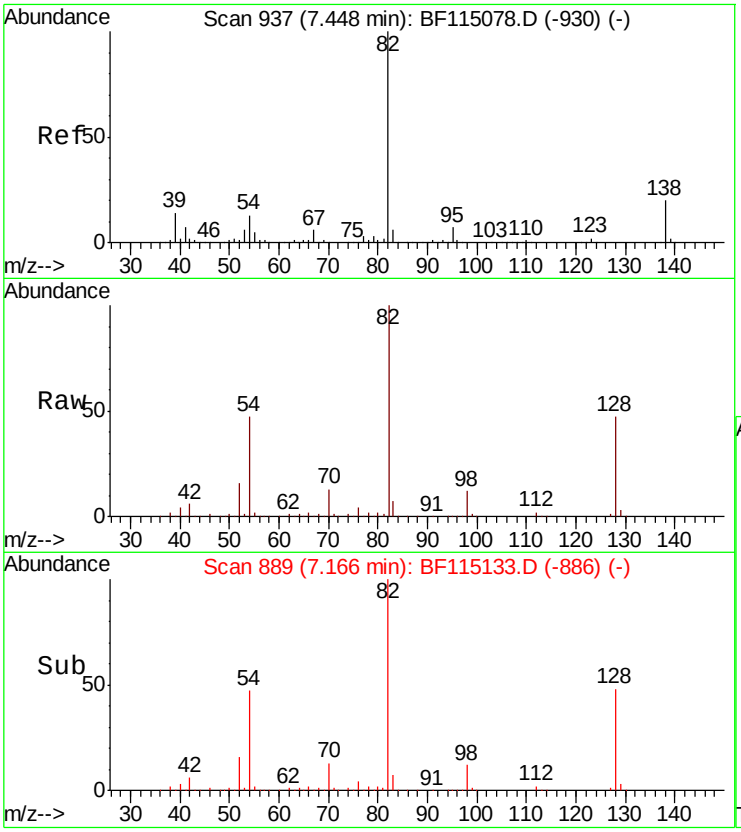


#23
Nitrobenzene-d5
Concen: 13.108 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion: 82 Resp: 579994

Ion	Ratio	Lower	Upper
82	100		
128	47.4	40.4	60.6
54	47.4	37.5	56.3



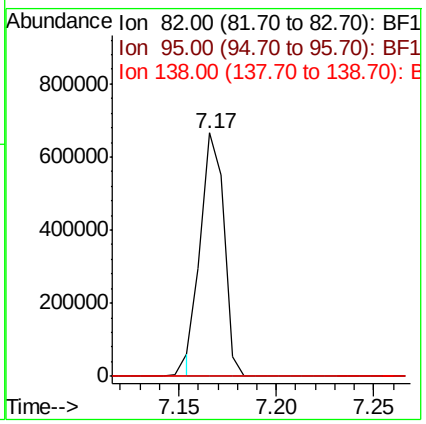


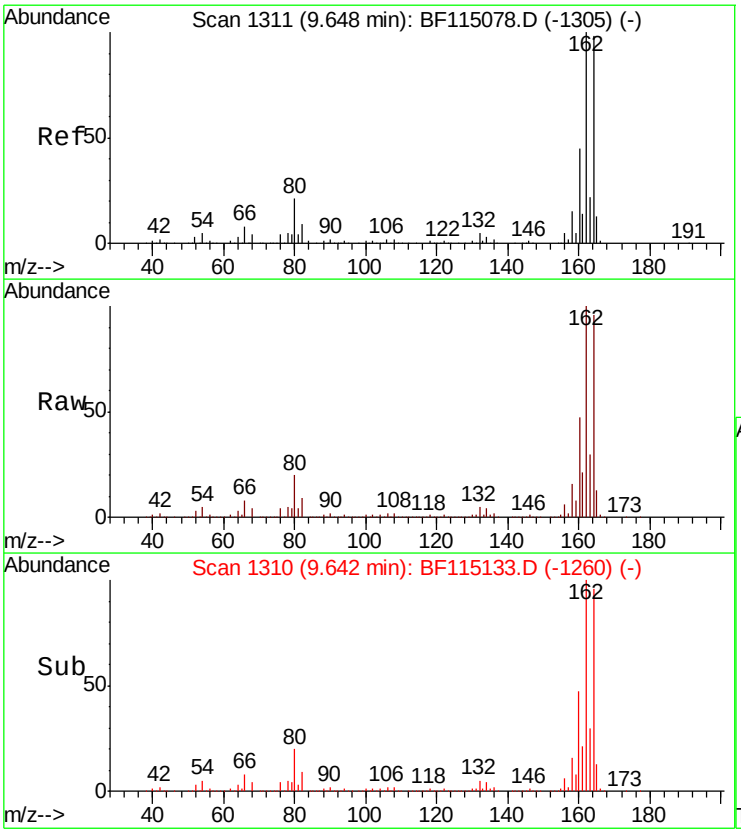
#25
Isophorone
Concen: 6.133 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.28 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion: 82 Resp: 555857

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.9	23.9#

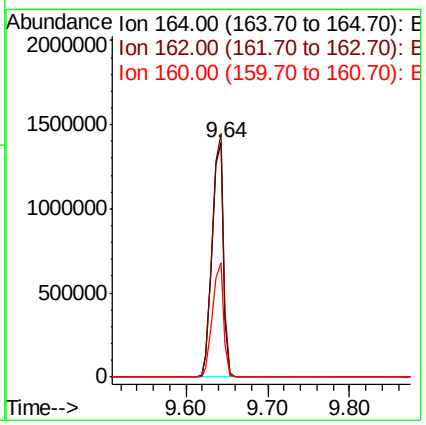


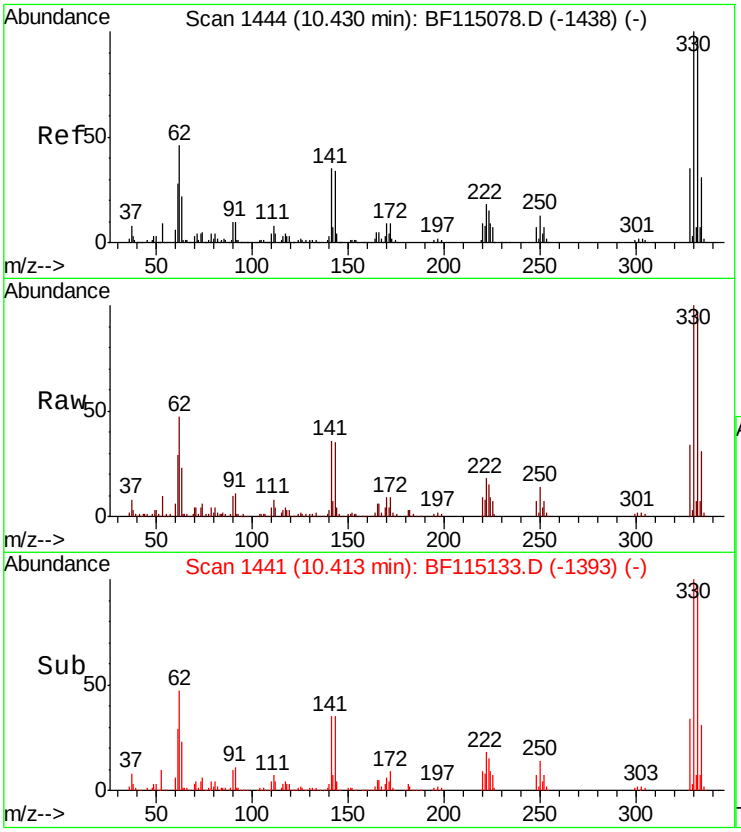


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion:164 Resp: 1346510

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.7	122.5
160	49.1	37.0	55.4



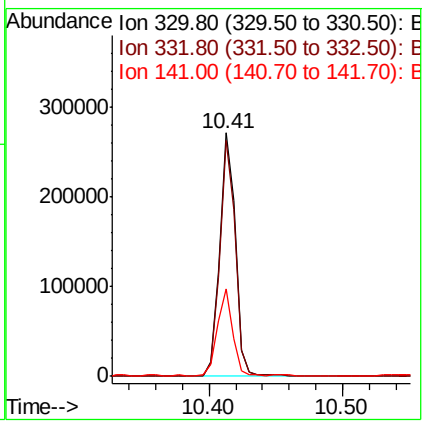


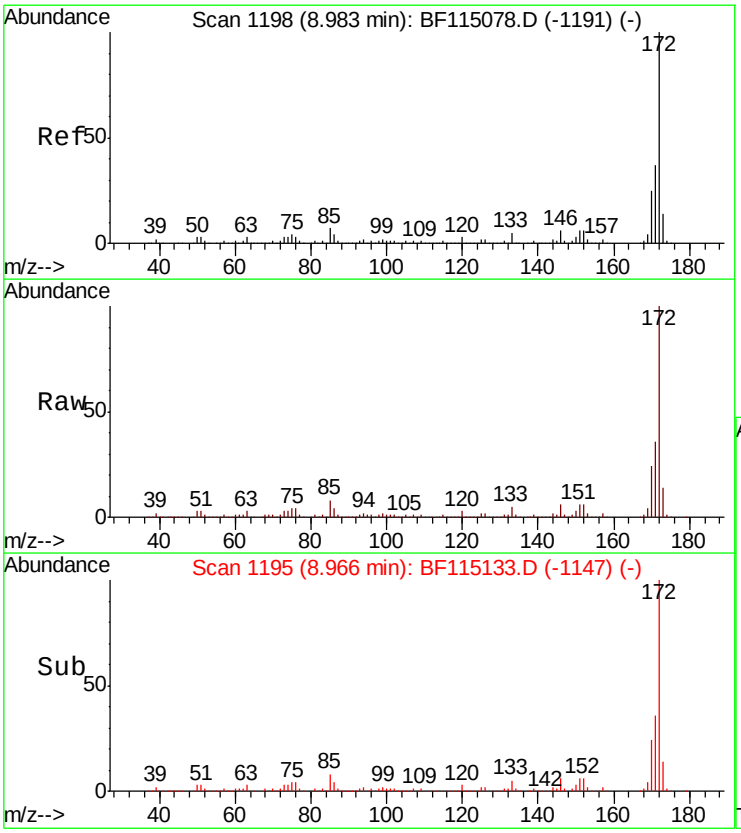
#42
2,4,6-Tribromophenol
Concen: 16.071 ng
RT: 10.41 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:330 Resp: 228206

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	34.0	28.2	42.2

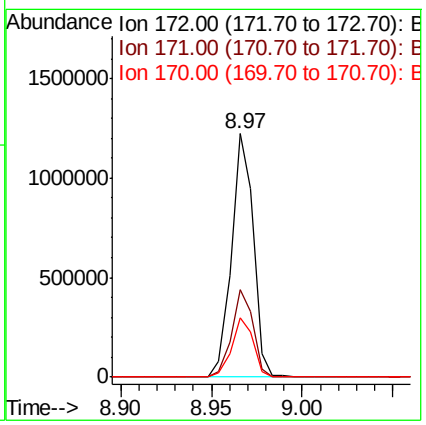


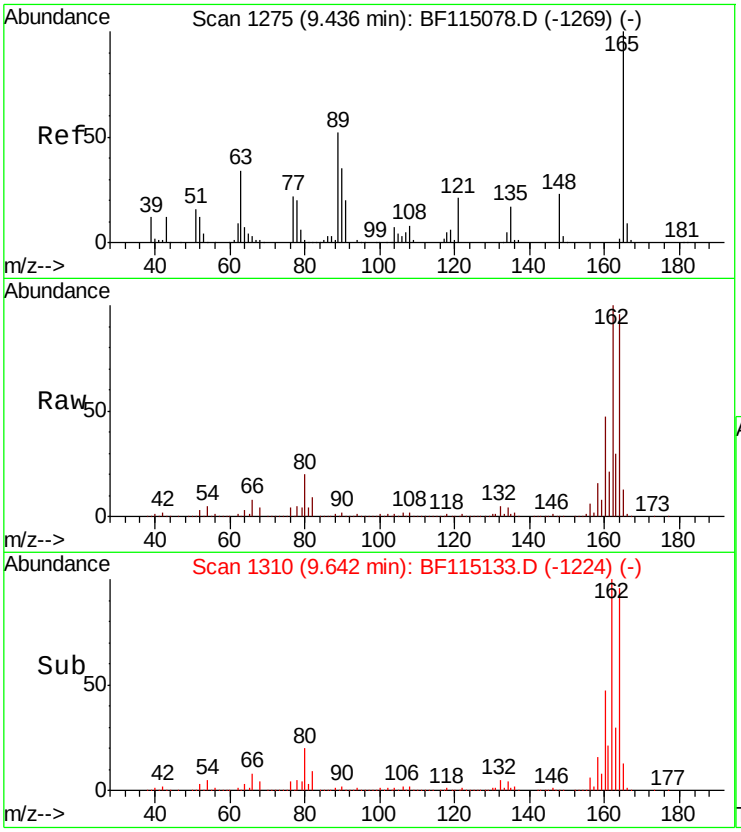


#45
2-Fluorobiphenyl
Concen: 12.953 ng
RT: 8.97 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion:172 Resp: 1026824

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	24.3	20.3	30.5



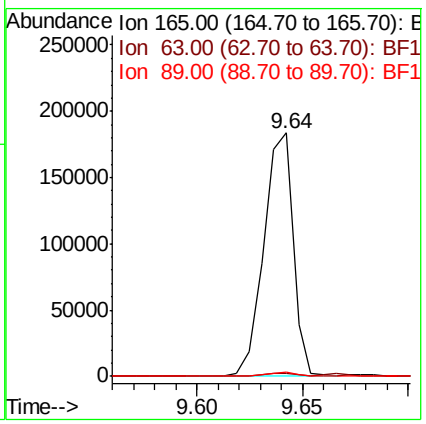


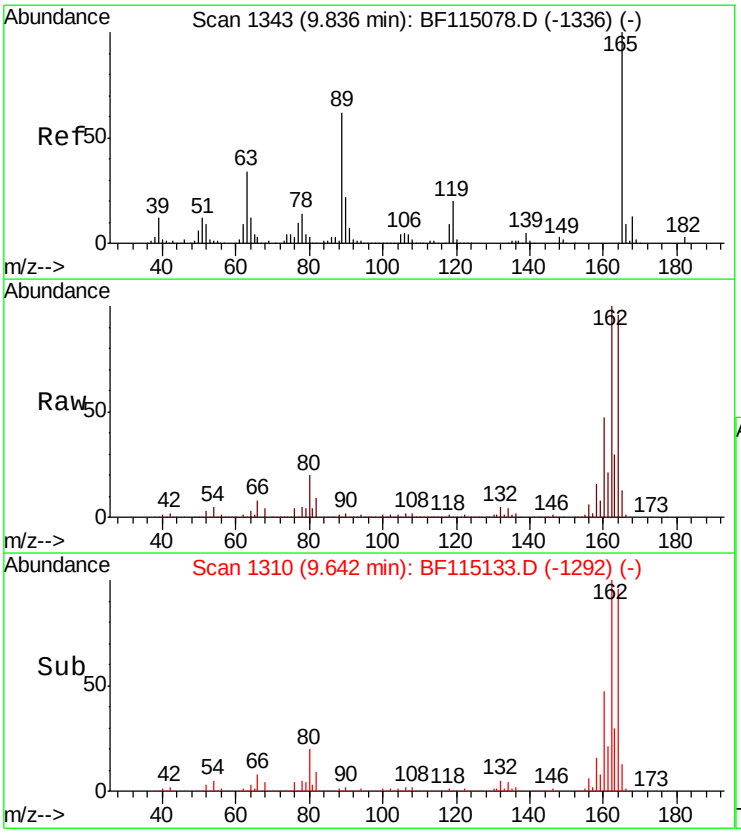
#51
2,6-Dinitrotoluene
Concen: 7.787 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:165 Resp: 178102

Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.4	59.2#
89	1.5	42.0	63.0#

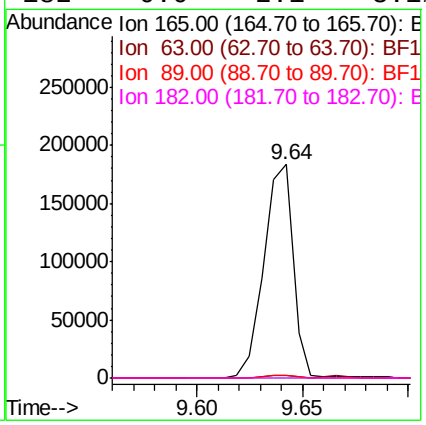


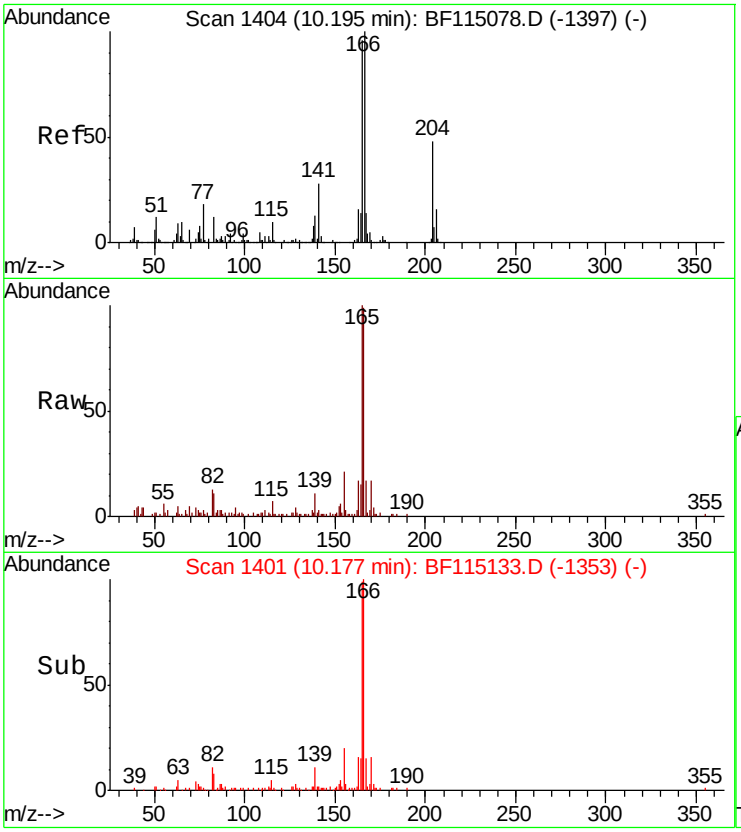


#57
2,4-Dinitrotoluene
Concen: 6.031 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion:165 Resp: 178102

Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.5	41.3#
89	1.5	49.9	74.9#
182	0.0	2.1	3.1#



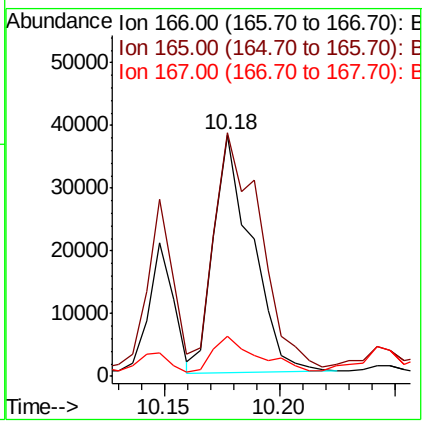


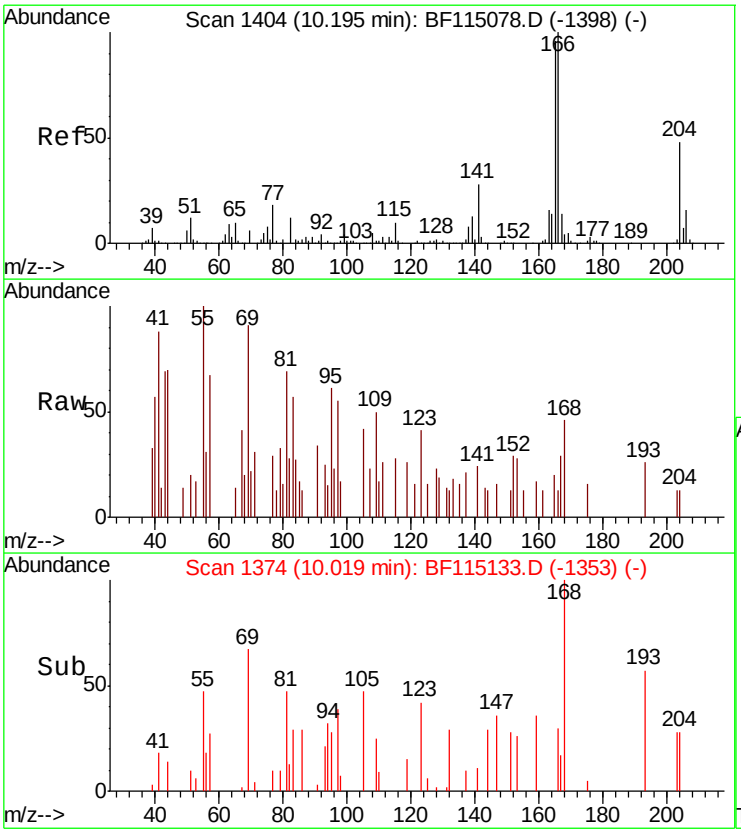
#58
Fluorene
Concen: Below Cal
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:166 Resp: 43320

Ion	Ratio	Lower	Upper
166	100		
165	100.9	76.5	114.7
167	16.7	11.0	16.4#

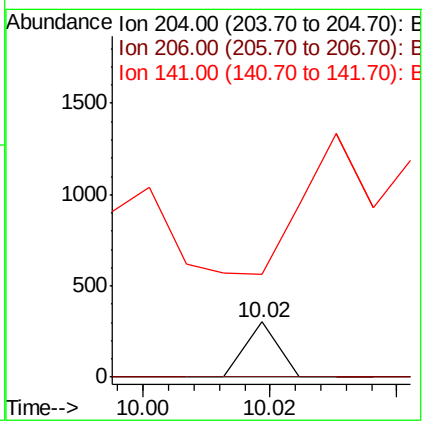


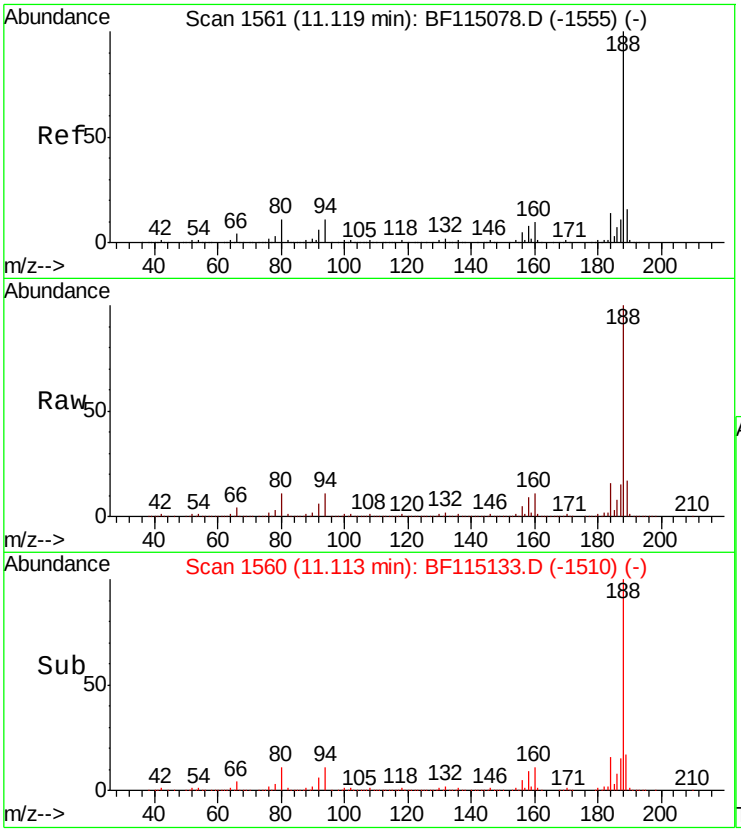


#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.02 min Scan# 1374
Delta R.T. -0.18 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion:204 Resp: 106

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.6	40.0#
141	187.4	46.7	70.1#



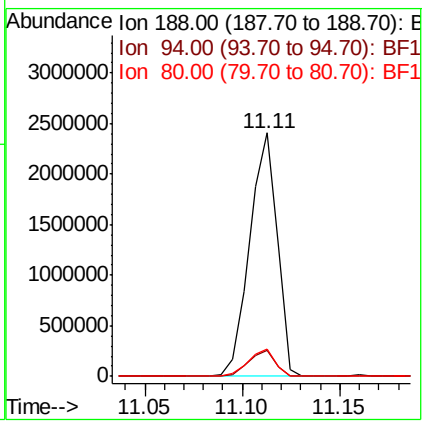


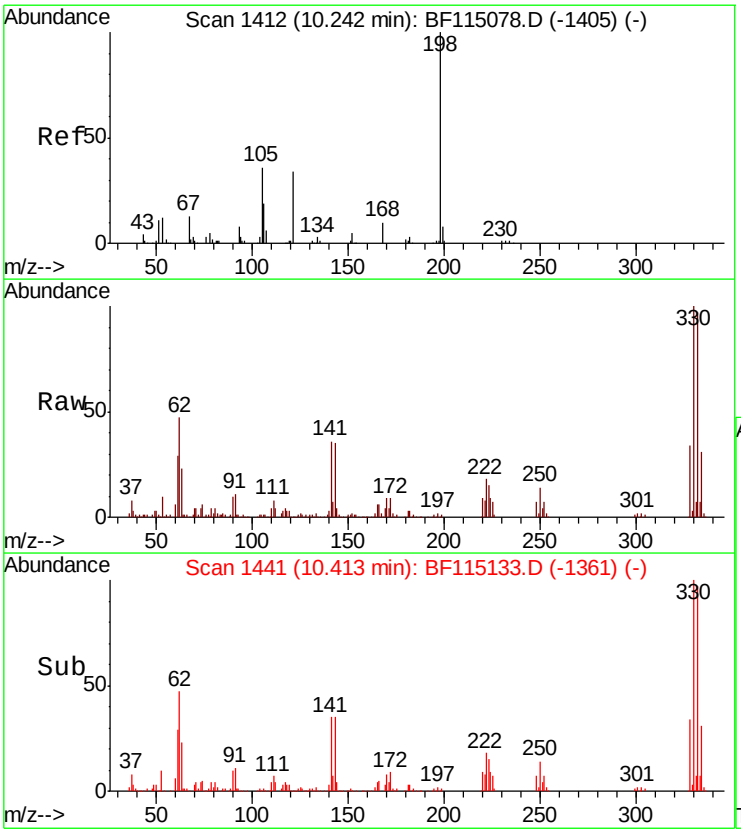
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:188 Resp: 2351629

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	12.8
80	11.0	8.8	13.2

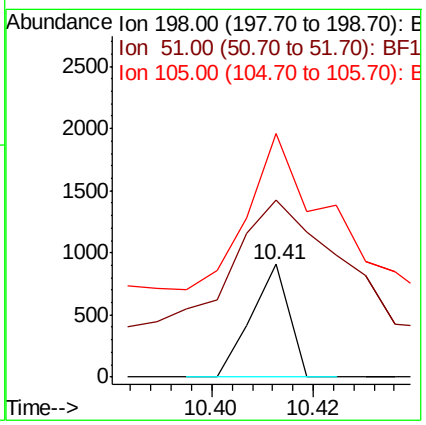


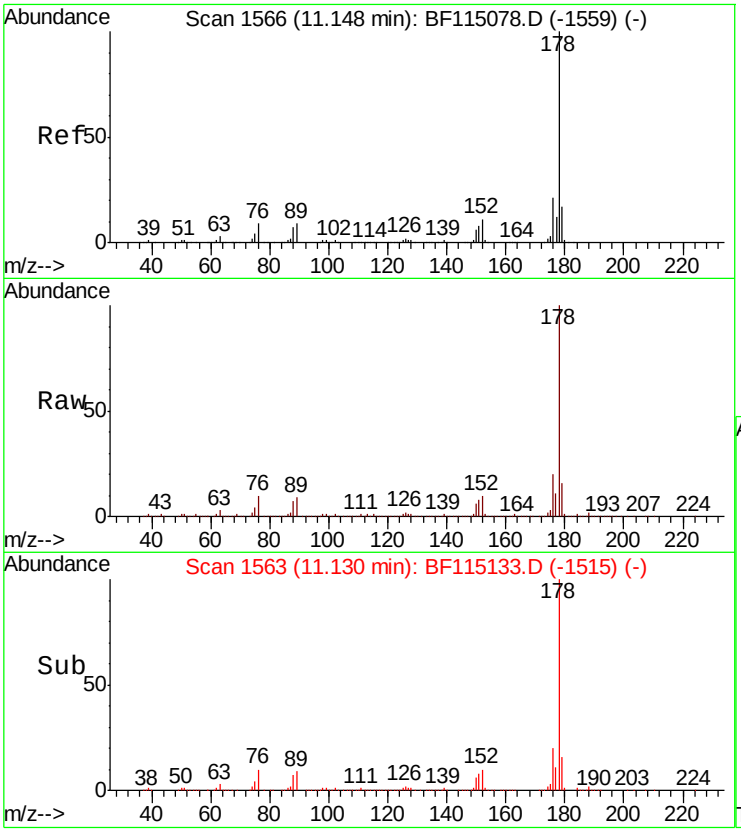


#65
4,6-Dinitro-2-methylphenol
Concen: 4.993 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.17 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion:198 Resp: 467

Ion	Ratio	Lower	Upper
198	100		
51	156.9	11.0	51.0#
105	215.5	17.3	57.3#



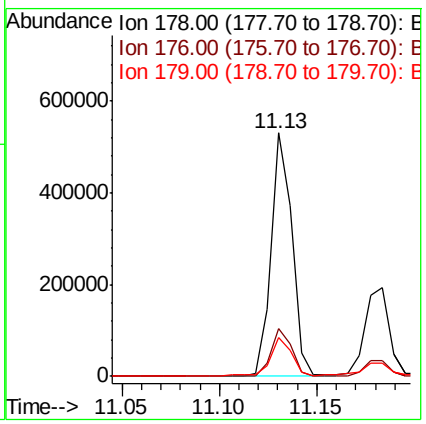


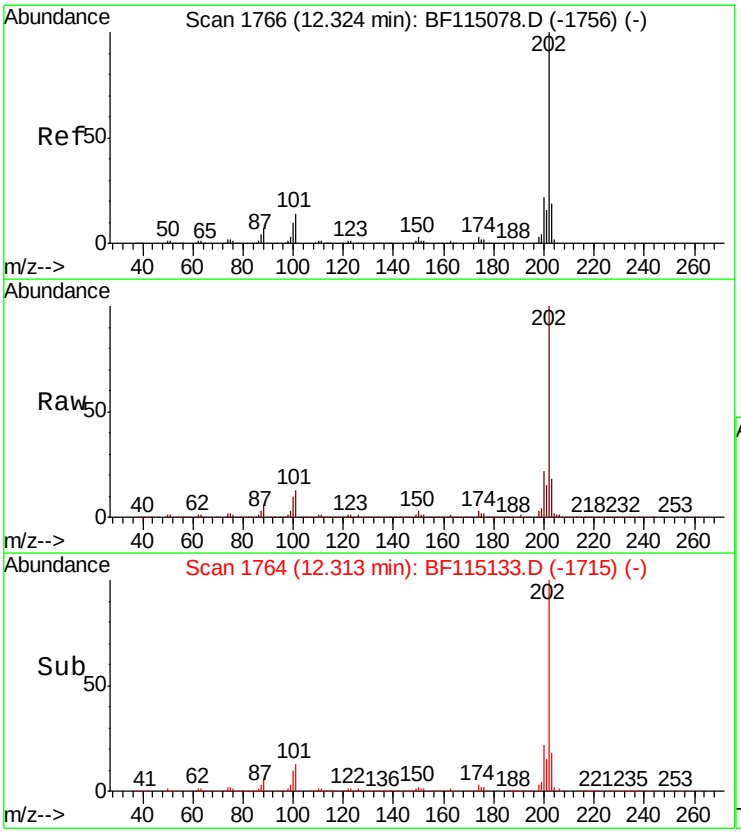
#71
Phenanthrene
Concen: 3.108 ng
RT: 11.13 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:178 Resp: 393571

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.9	25.3
179	15.9	13.2	19.8

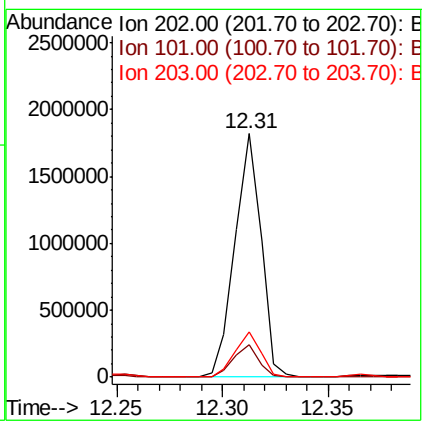


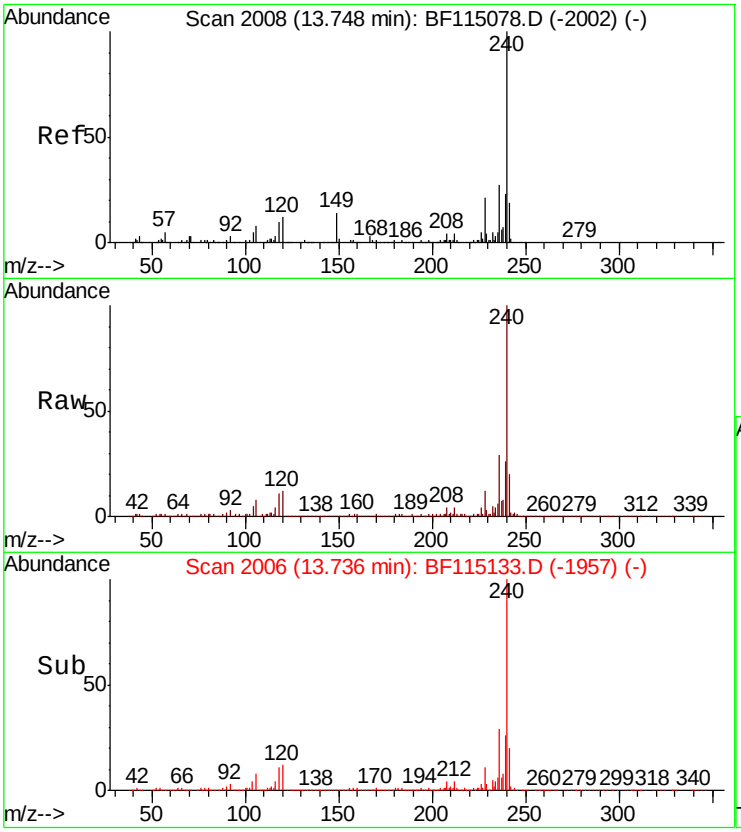


#75
Fluoranthene
Concen: 12.276 ng
RT: 12.31 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion:202 Resp: 1550836

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.0
203	18.5	0.0	38.8



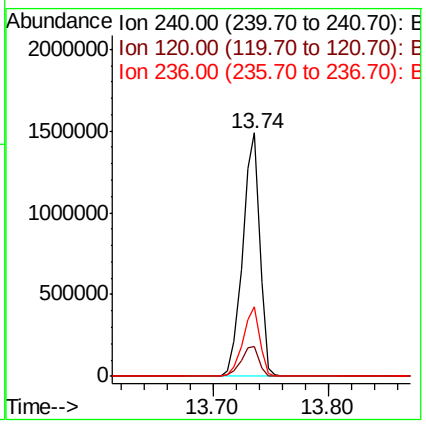


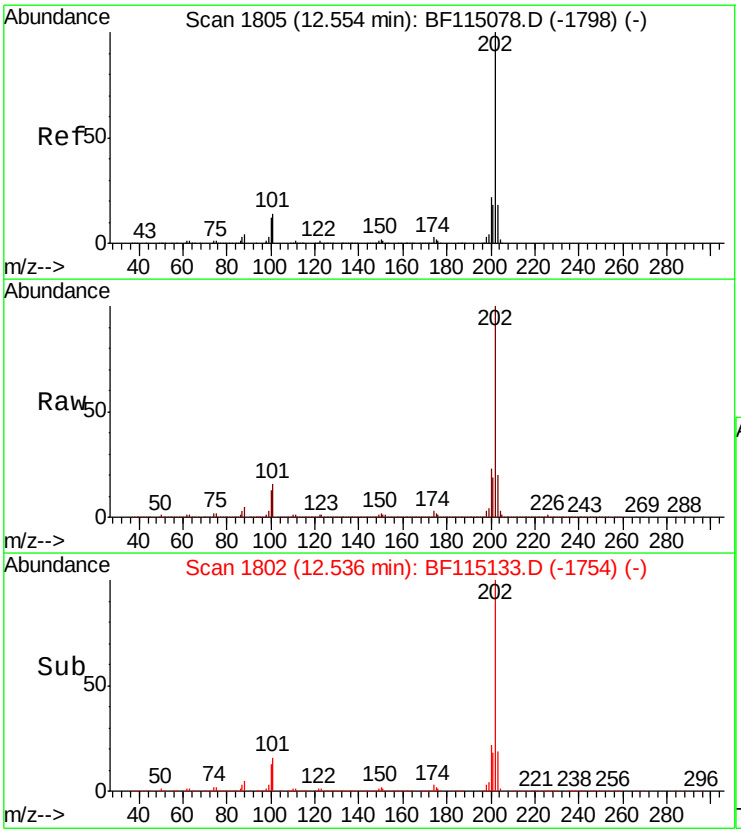
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:240 Resp: 1522641

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	28.8	21.7	32.5

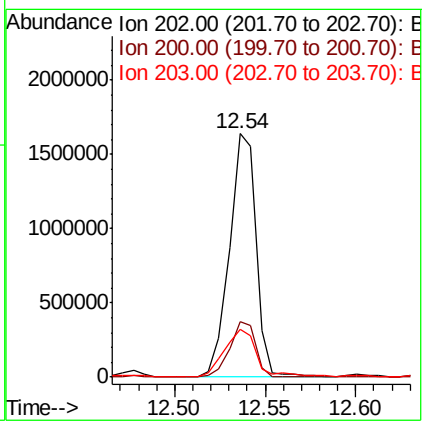


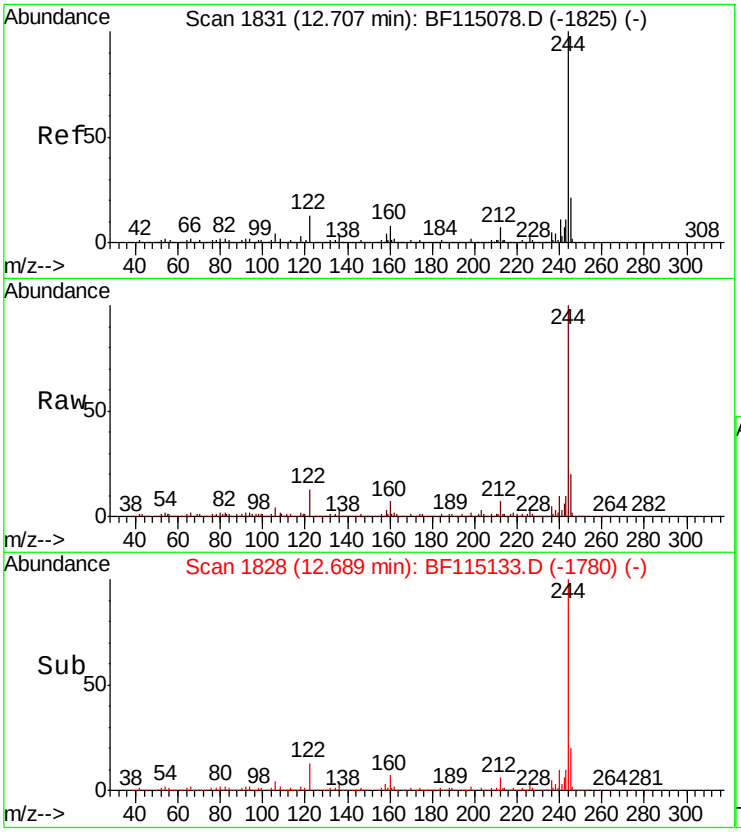


#78
Pyrene
Concen: 14.237 ng
RT: 12.54 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion:202 Resp: 1665916

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.9	26.9
203	19.6	14.6	21.8



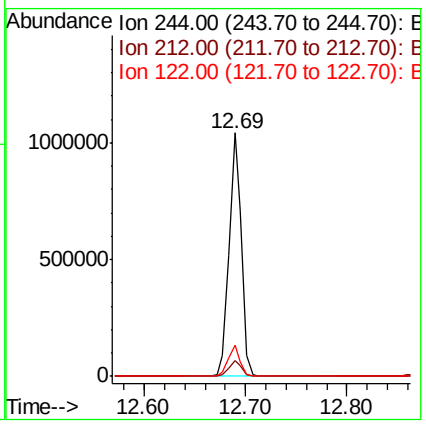


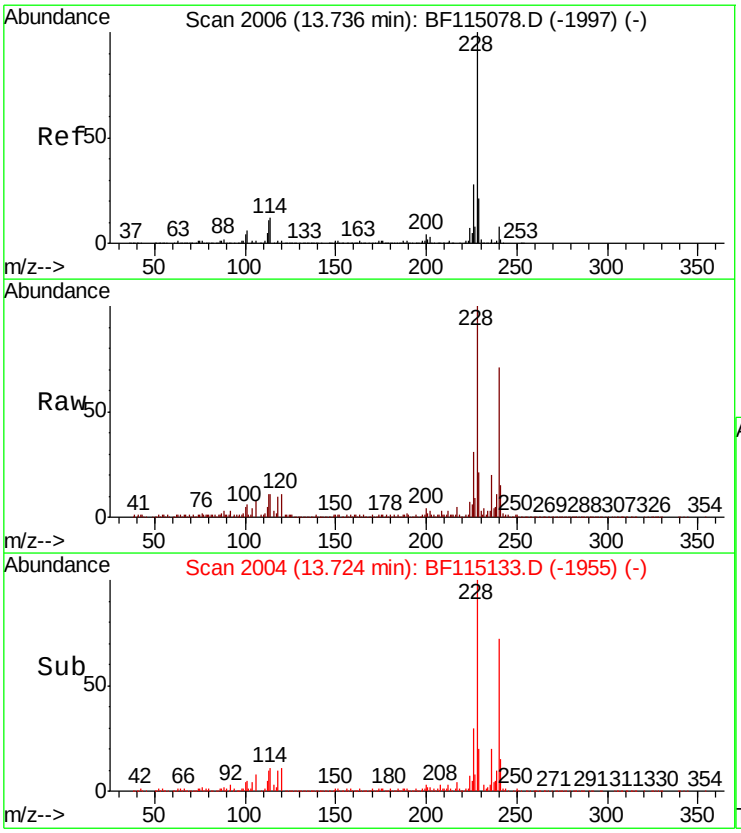
#79
Terphenyl-d14
Concen: 12.152 ng
RT: 12.69 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:244 Resp: 870285

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	13.0	10.4	15.6

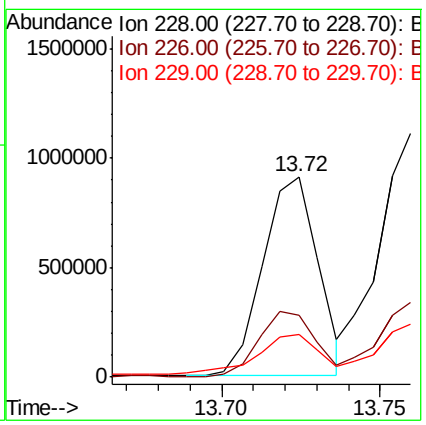


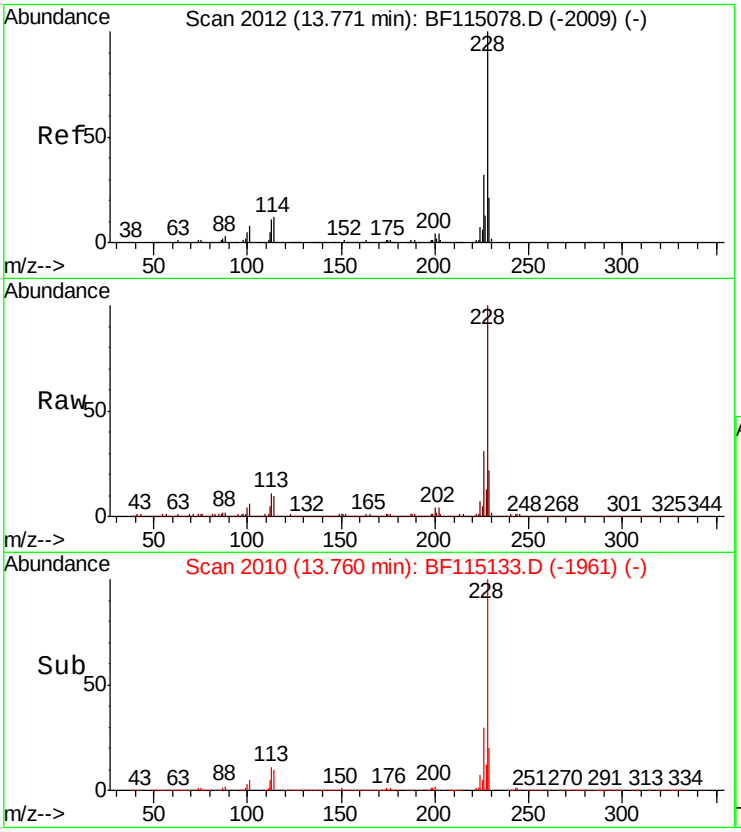


#81
Benzo(a)anthracene
Concen: 10.095 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion:228 Resp: 1102902

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.5	33.7
229	21.5	16.6	24.8



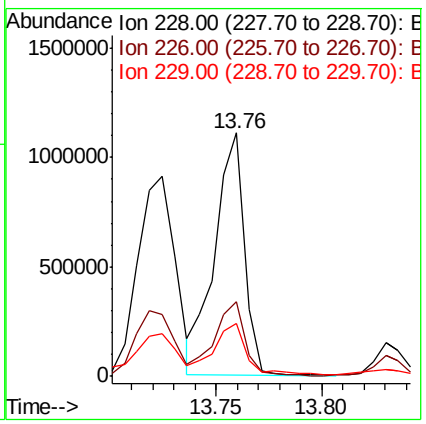


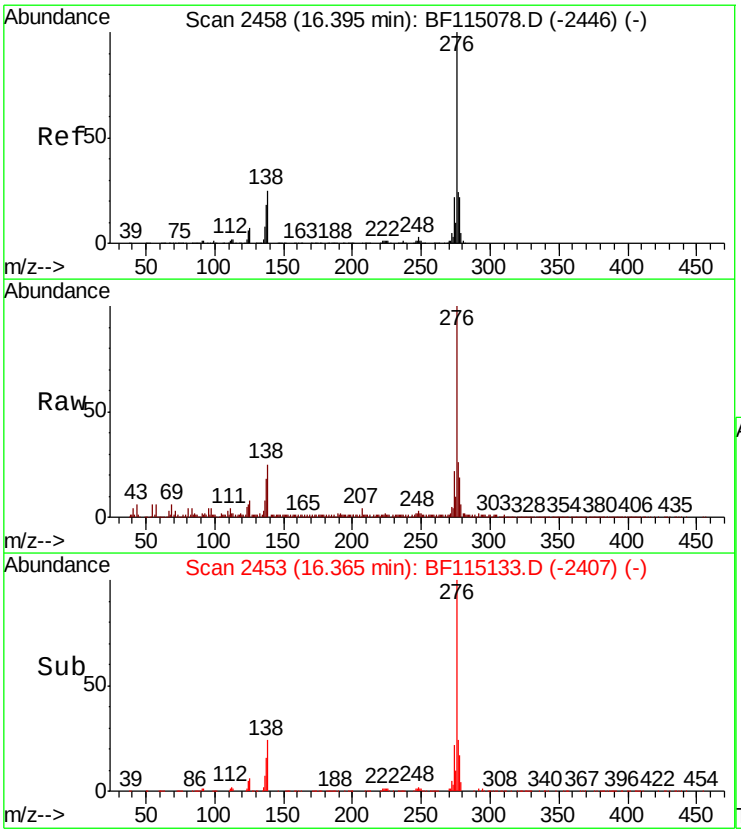
#83
Chrysene
Concen: 10.837 ng
RT: 13.76 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:228 Resp: 1084578

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	21.9	16.5	24.7

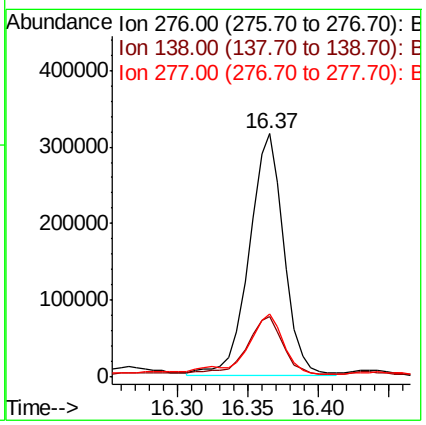


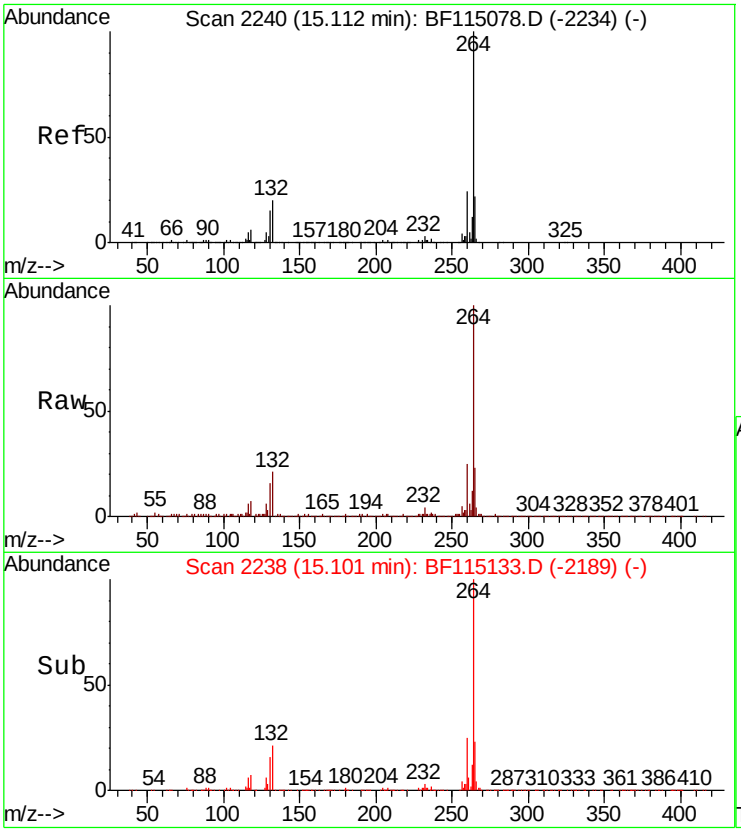


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.566 ng
RT: 16.37 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion:276 Resp: 540708

Ion	Ratio	Lower	Upper
276	100		
138	24.8	23.2	34.8
277	27.1	20.1	30.1



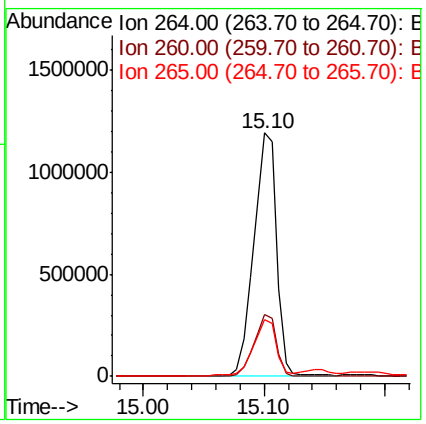


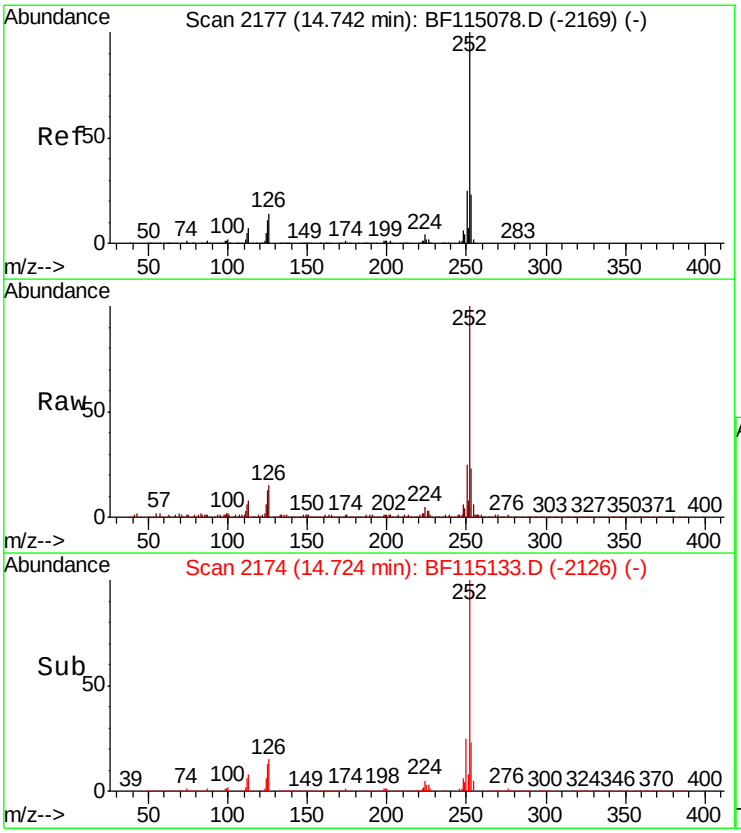
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:264 Resp: 1575779

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.6	29.4
265	23.1	17.3	25.9

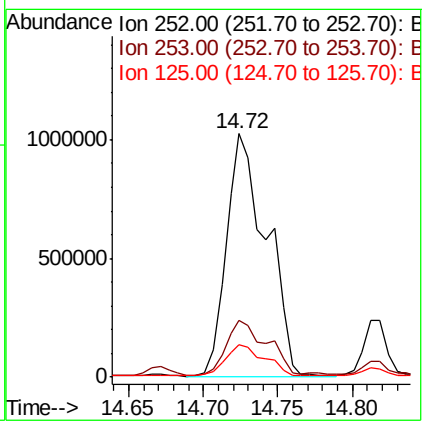


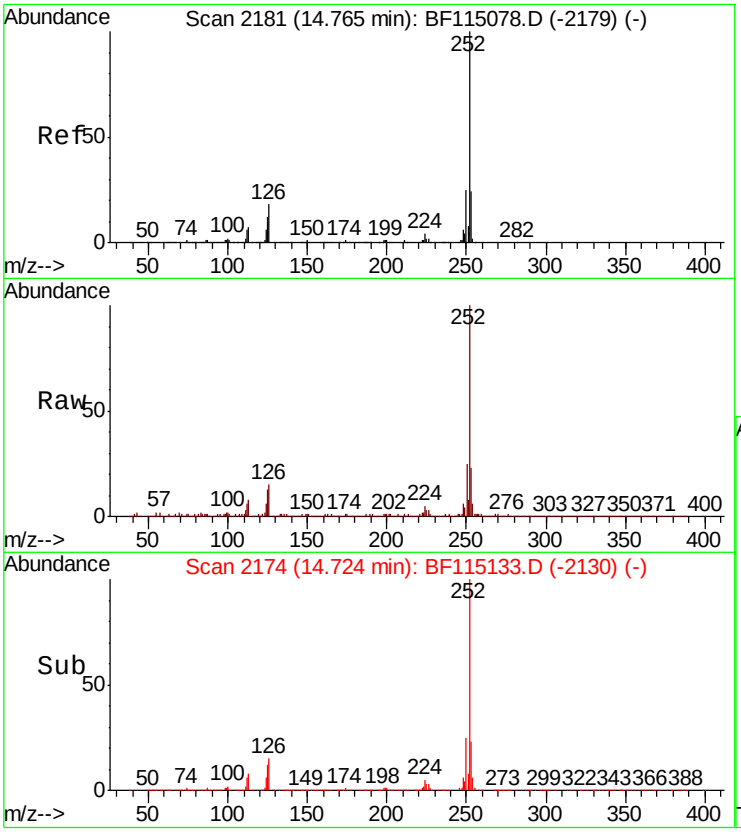


#88
Benzo(b)fluoranthene
Concen: 19.398 ng
RT: 14.72 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion:252 Resp: 1907242

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	13.2	8.7	13.1#



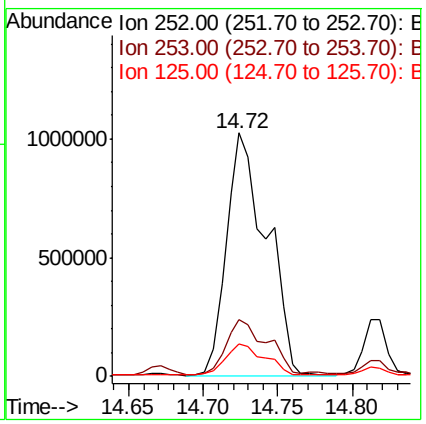


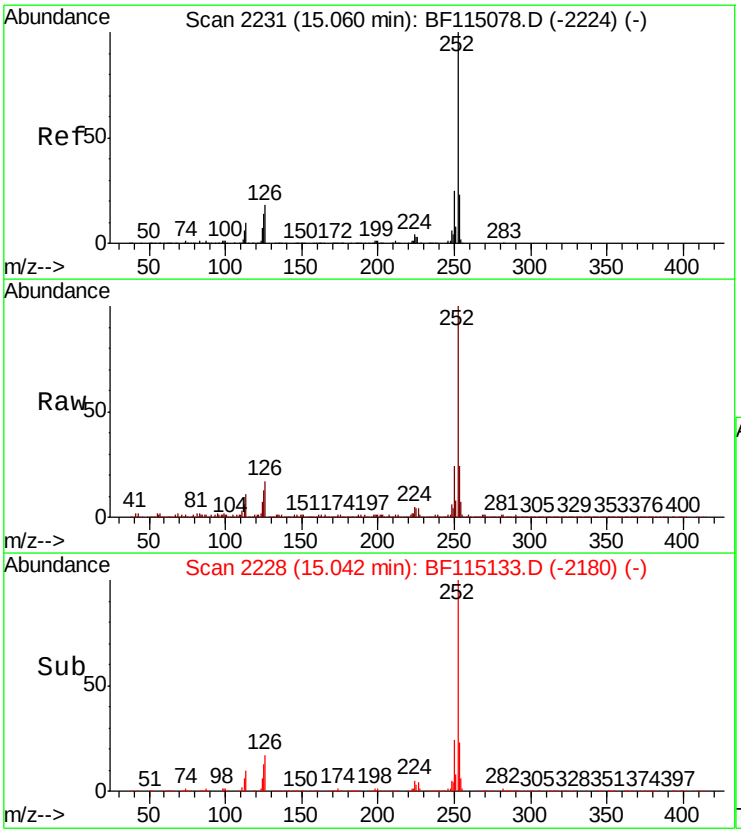
#89
Benzo(k)fluoranthene
Concen: 21.630 ng
RT: 14.72 min Scan# 2174
Delta R.T. -0.04 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:252 Resp: 1907242

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	13.2	10.2	15.2

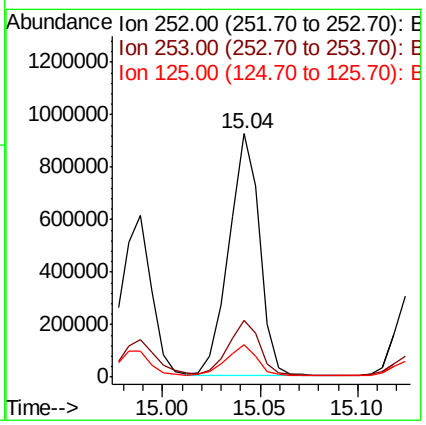


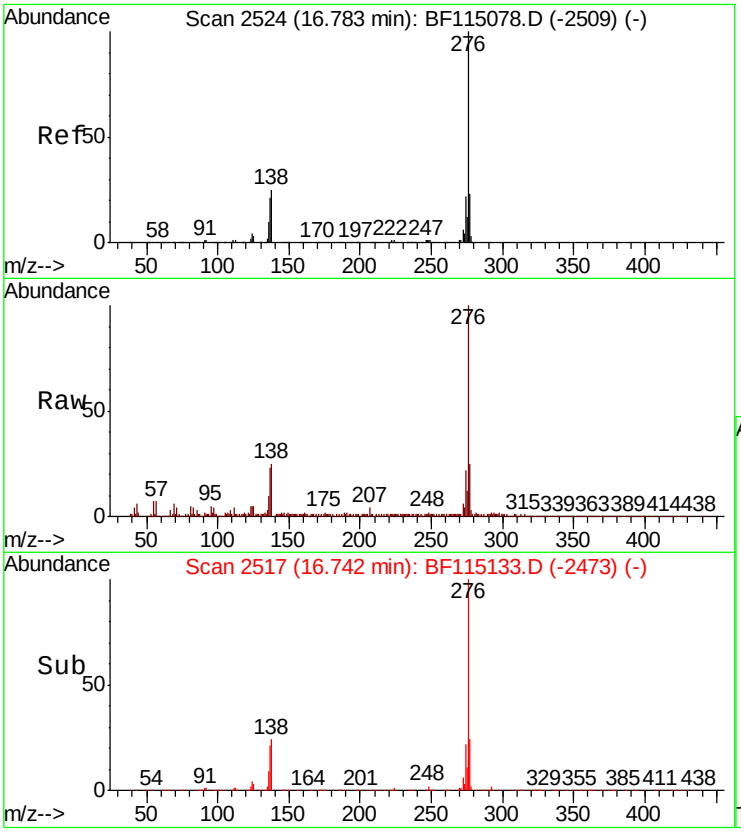


#90
Benzo(a)pyrene
Concen: 11.405 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Tgt Ion:252 Resp: 1010760

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	13.2	10.9	16.3





#92
Benzo(g,h,i)perylene
Concen: 5.662 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF115133.D
Acq: 22 Jun 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-062019

Tgt Ion:276 Resp: 474077

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	25.2	19.8	29.6