Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115361.D
Acq On : 2 Jul 2019 16:00
Operator : HP/JU
Sample : K3606-02DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 02 16:26:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 12:02:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	192747	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	779020	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	388667	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	763817	20.00	ng	0.00
76) Chrysene-d12	13.74	240	446114	20.00	ng	0.01
87) Perylene-d12	15.12	264	503963	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	172377	13.80	ng	0.00
7) Phenol-d6	6.24	99	232370	15.33	ng	-0.01
23) Nitrobenzene-d5	7.16	82	128771	10.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	59055	14.41	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	295393	12.91	ng	0.00
79) Terphenyl-d14	12.70	244	313039	14.92	ng	0.01
Target Compounds						Qvalue
25) Isophorone	7.16	82	126347	4.870	ng	# 63
51) 2,6-Dinitrotoluene	9.64	165	49484	7.496	ng	# 30
57) 2,4-Dinitrotoluene	9.64	165	49484	5.805	ng	# 27
58) Fluorene	10.18	166	45890	Below Cal		100
71) Phenanthrene	11.14	178	791757	19.252	ng	98
72) Anthracene	11.19	178	270994	6.528	ng	96
75) Fluoranthene	12.32	202	1437317	35.029	ng	100
78) Pyrene	12.55	202	1399561	40.822	ng	98
81) Benzo(a)anthracene	13.74	228	582876	18.209	ng	99
83) Chrysene	13.77	228	505238	17.231	ng	97
86) Indeno(1,2,3-cd)pyrene	16.39	276	313840	9.045	ng	95
88) Benzo(b)fluoranthene	14.74	252	808739	25.718	ng	98
89) Benzo(k)fluoranthene	14.74	252	808739	28.679	ng	97
90) Benzo(a)pyrene	15.07	252	494211	17.437	ng	98
91) Dibenzo(a,h)anthracene	16.55	278	70930	2.681	ng	97
92) Benzo(g,h,i)perylene	16.78	276	283939	10.603	ng	100

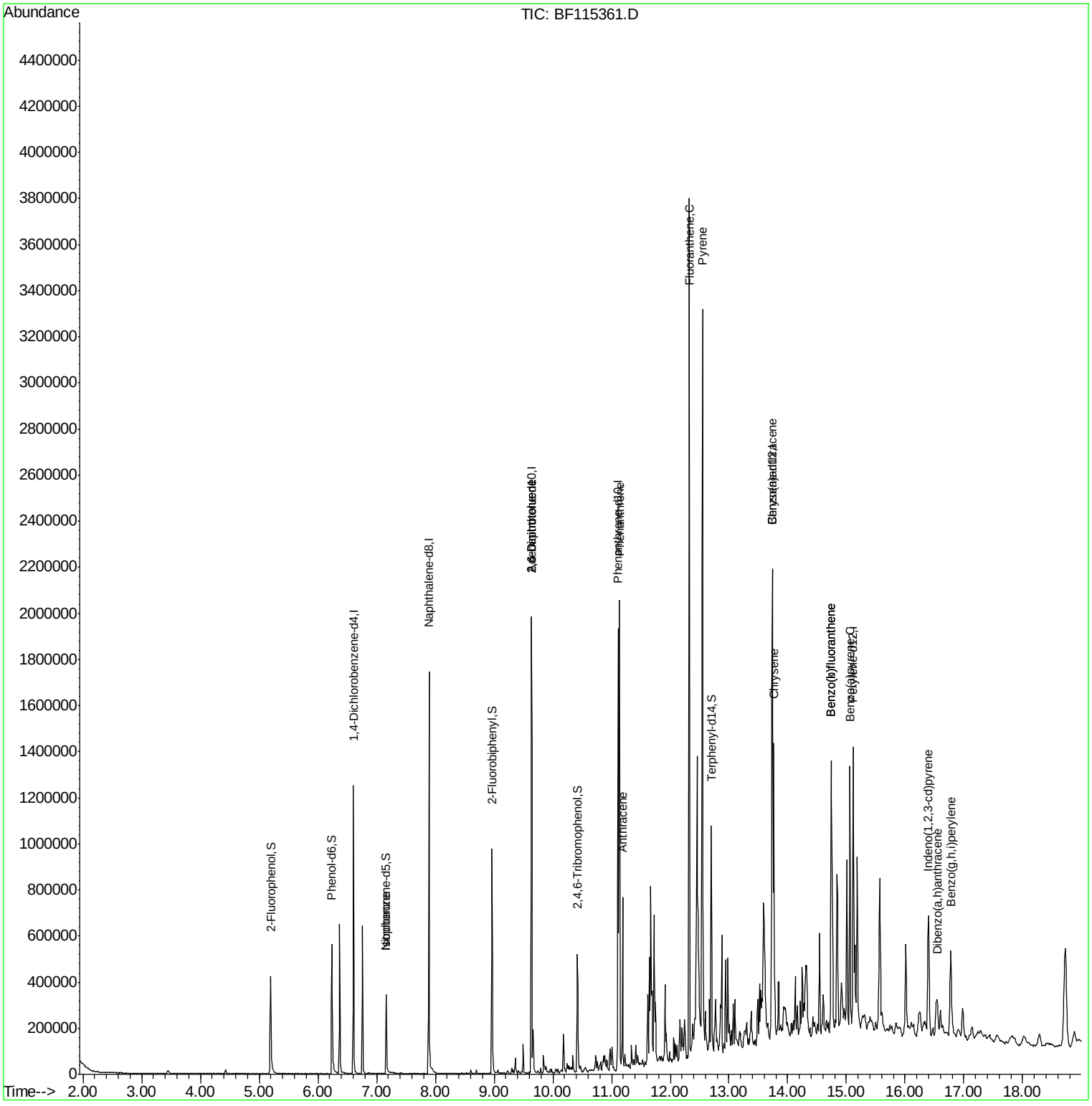
(#) = qualifier out of range (m) = manual integration (+) = signals summed

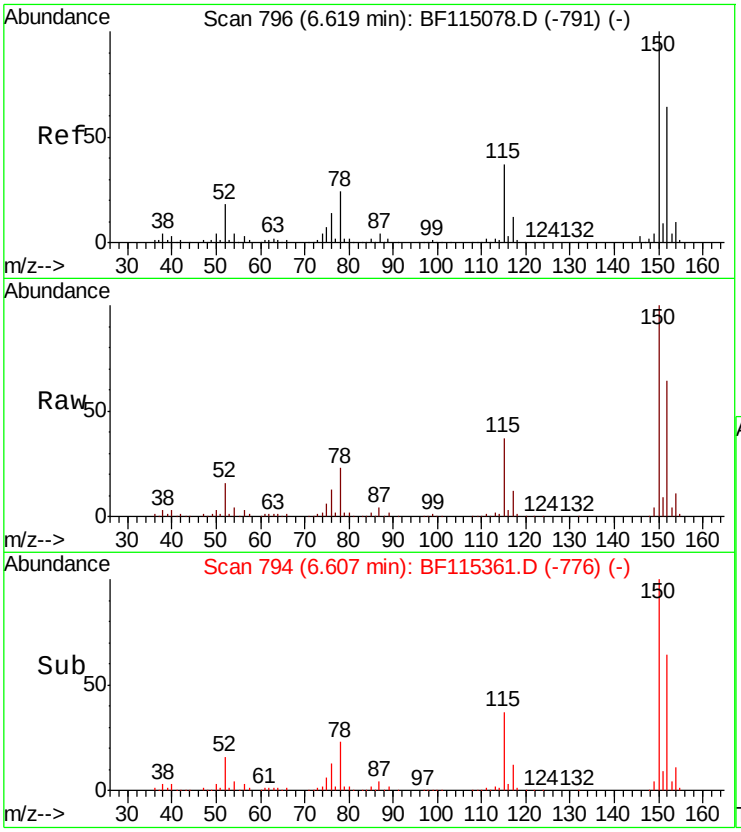
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115361.D
Acq On : 2 Jul 2019 16:00
Operator : HP/JU
Sample : K3606-02DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 02 16:26:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 12:02:54 2019
Response via : Initial Calibration



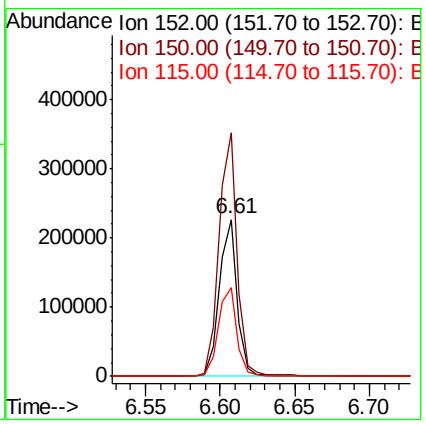


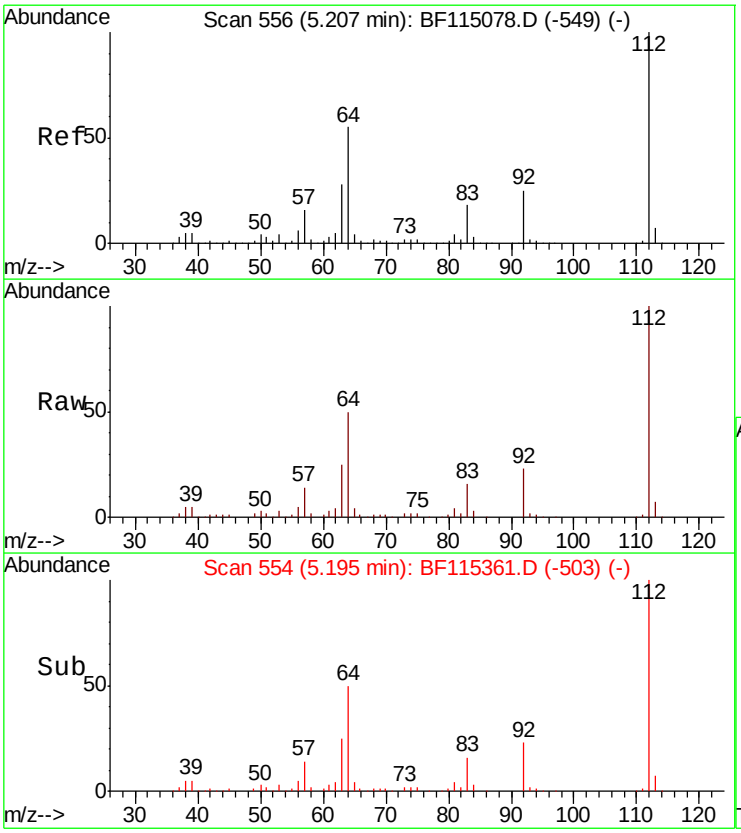
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 192747

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.2	187.8
115	57.0	48.2	72.2

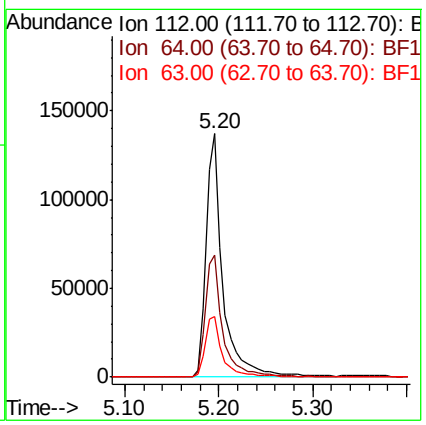


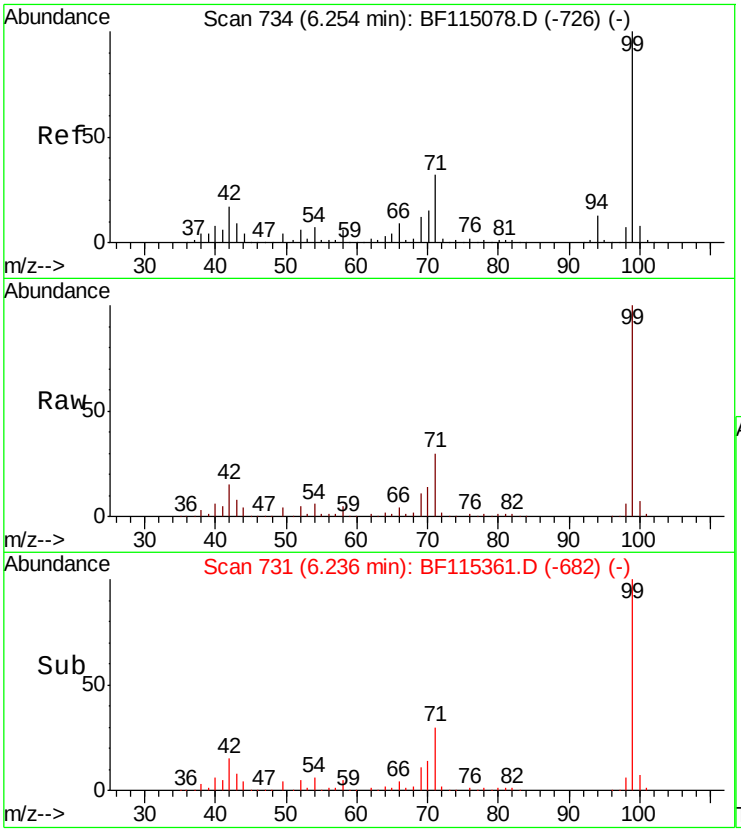


#5
2-Fluorophenol
Concen: 13.801 ng
RT: 5.20 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:112 Resp: 172377

Ion	Ratio	Lower	Upper
112	100		
64	50.3	44.2	66.2
63	24.9	22.3	33.5



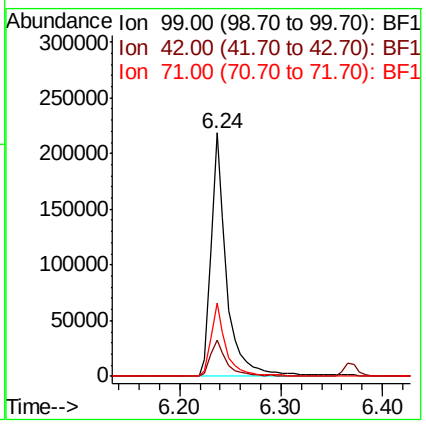


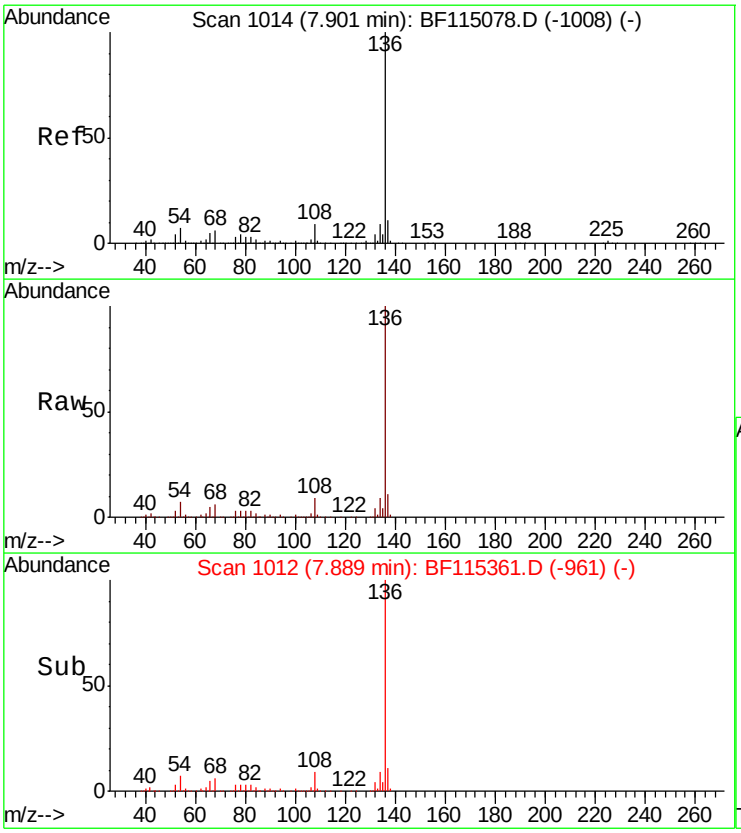
#7
Phenol-d6
Concen: 15.328 ng
RT: 6.24 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 232370

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.4	20.2
71	30.2	25.4	38.2

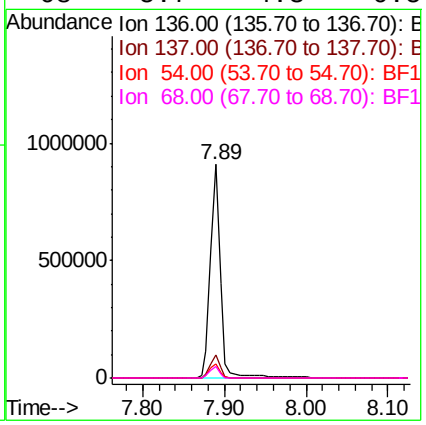


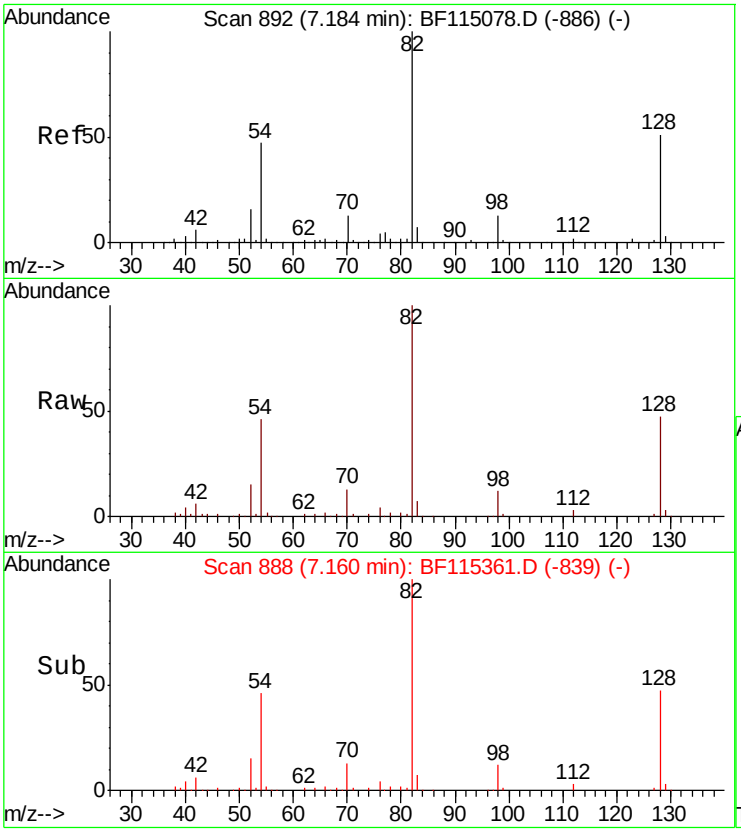


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:136 Resp: 779020

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	5.1	7.7
68	5.7	4.3	6.5



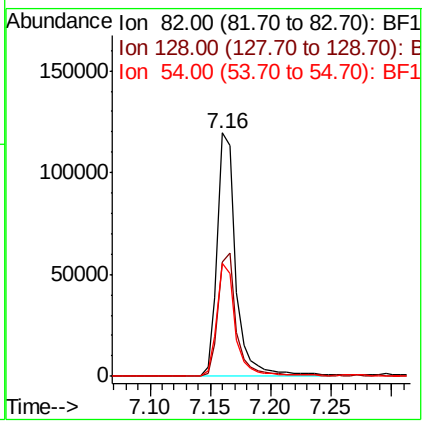


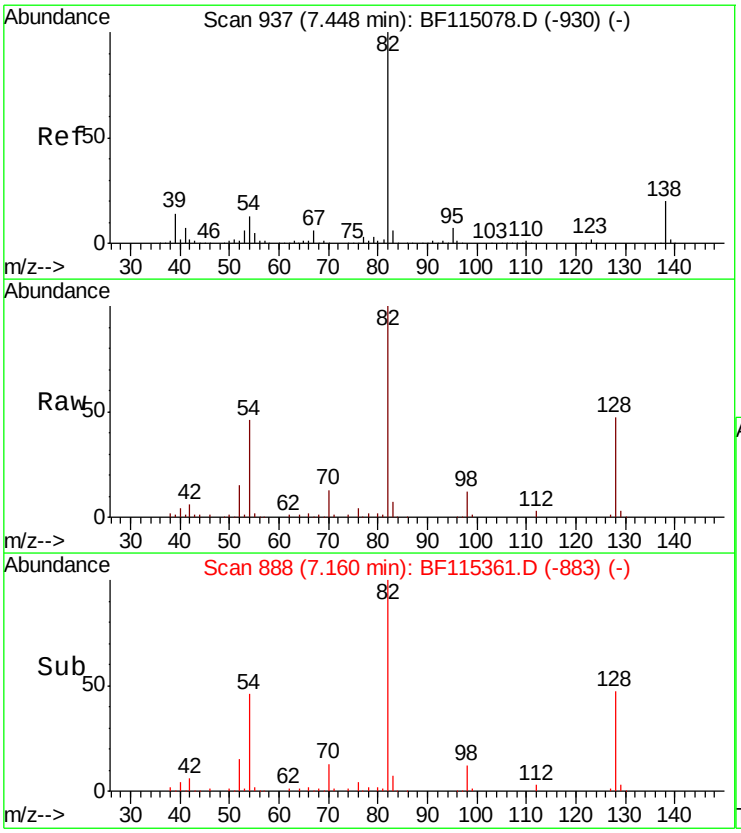
#23
Nitrobenzene-d5
Concen: 10.168 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 128771

Ion	Ratio	Lower	Upper
82	100		
128	47.1	40.8	61.2
54	46.3	37.0	55.4

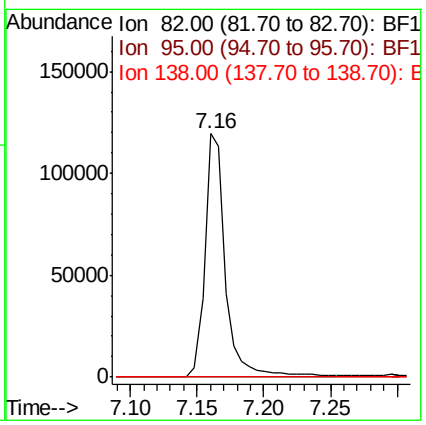


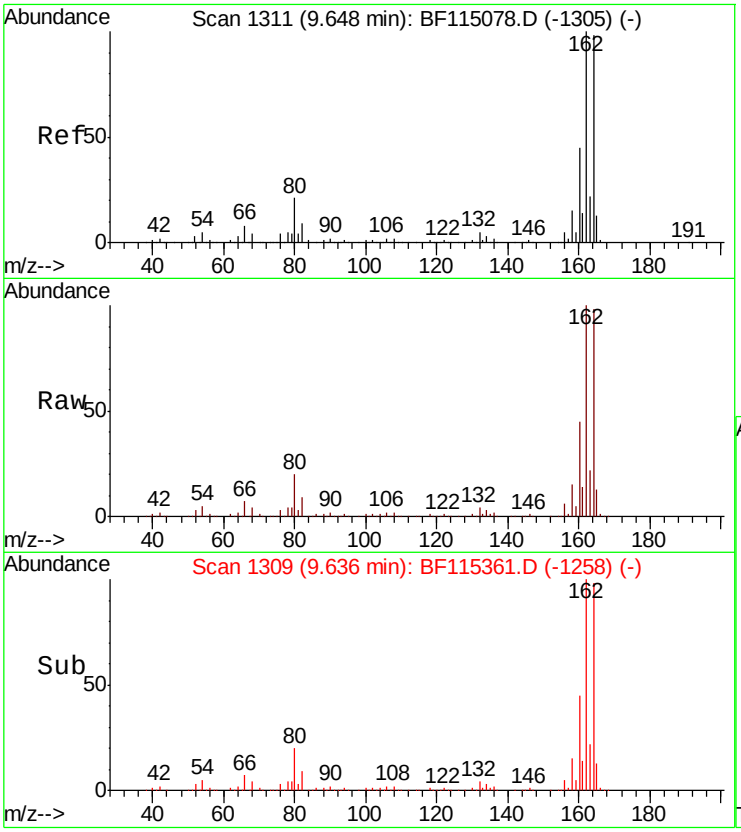


#25
Isophorone
Concen: 4.870 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.27 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion: 82 Resp: 126347

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.4	23.2#



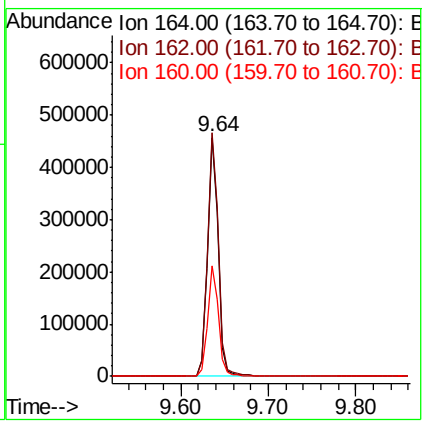


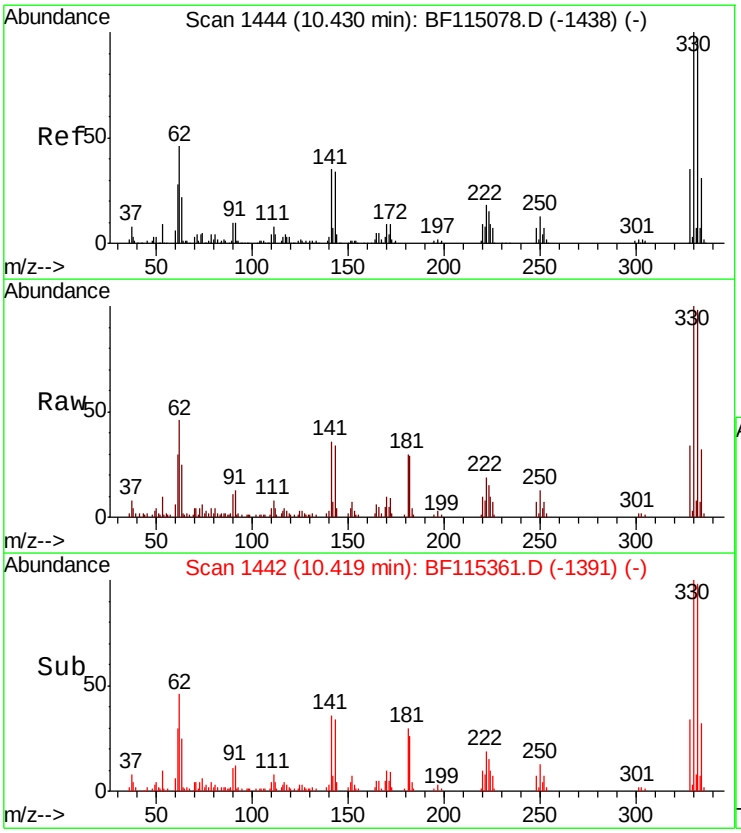
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 388667

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.0	123.0
160	46.1	37.0	55.6

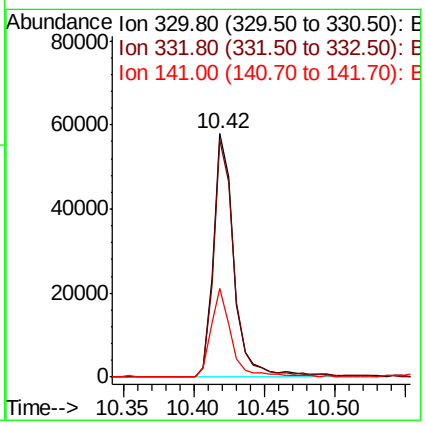


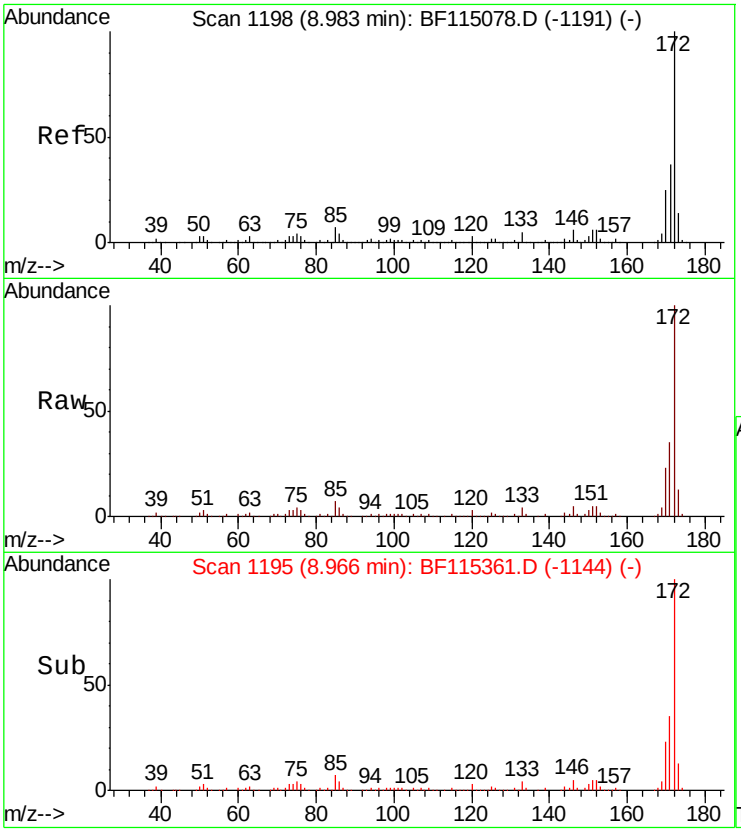


#42
2,4,6-Tribromophenol
Concen: 14.408 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:330 Resp: 59055

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	35.6	25.4	38.2



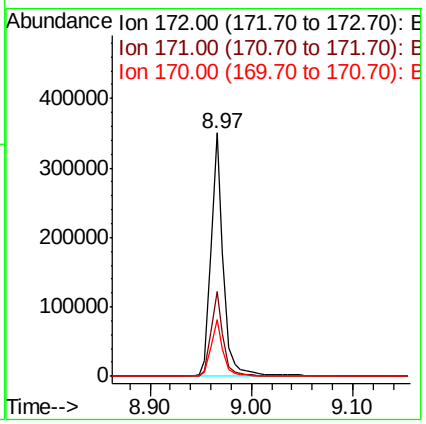


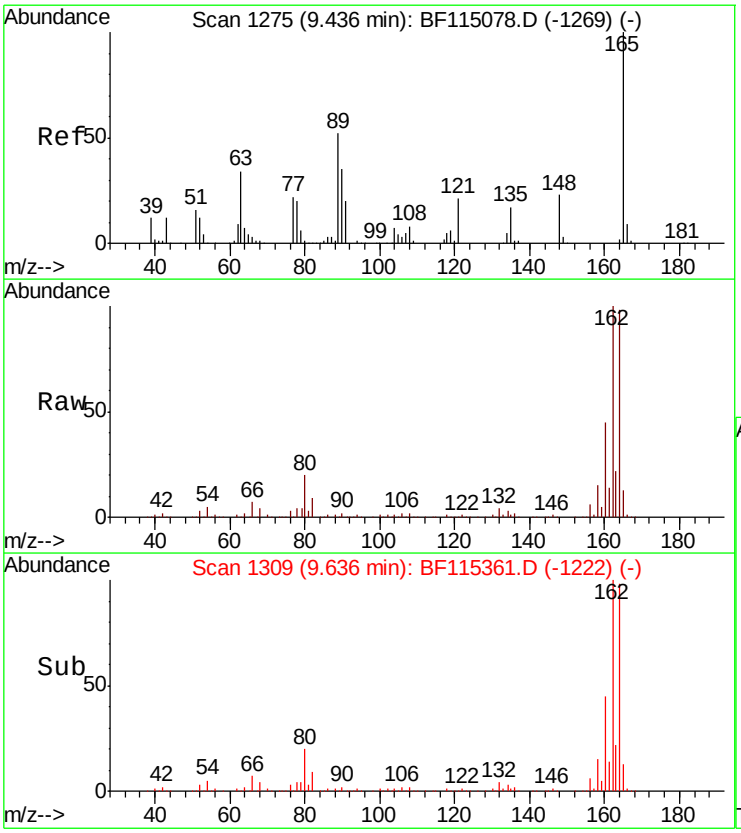
#45
2-Fluorobiphenyl
Concen: 12.910 ng
RT: 8.97 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 295393

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.8	44.8
170	23.4	20.2	30.4

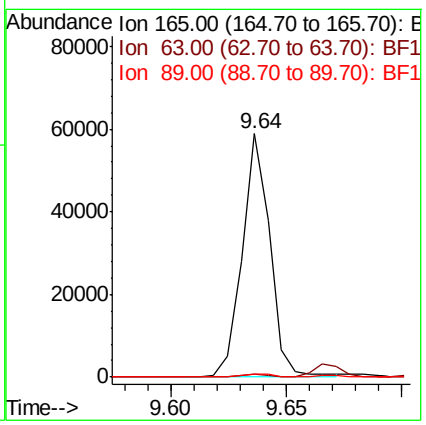


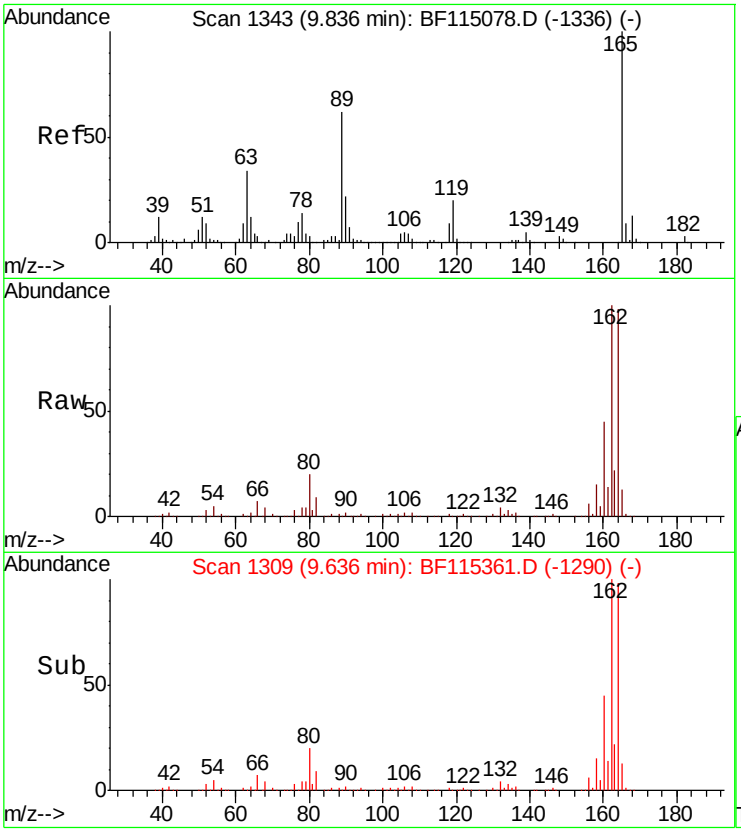


#51
2,6-Dinitrotoluene
Concen: 7.496 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:165 Resp: 49484

Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.0	55.4#
89	1.4	40.4	60.6#



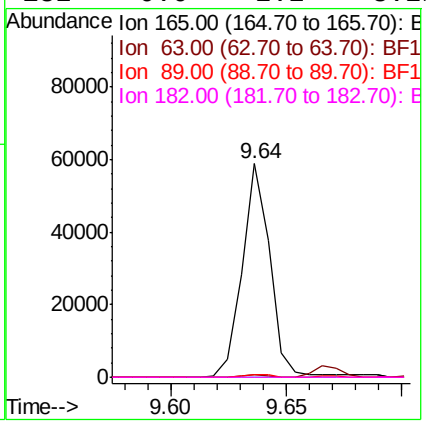


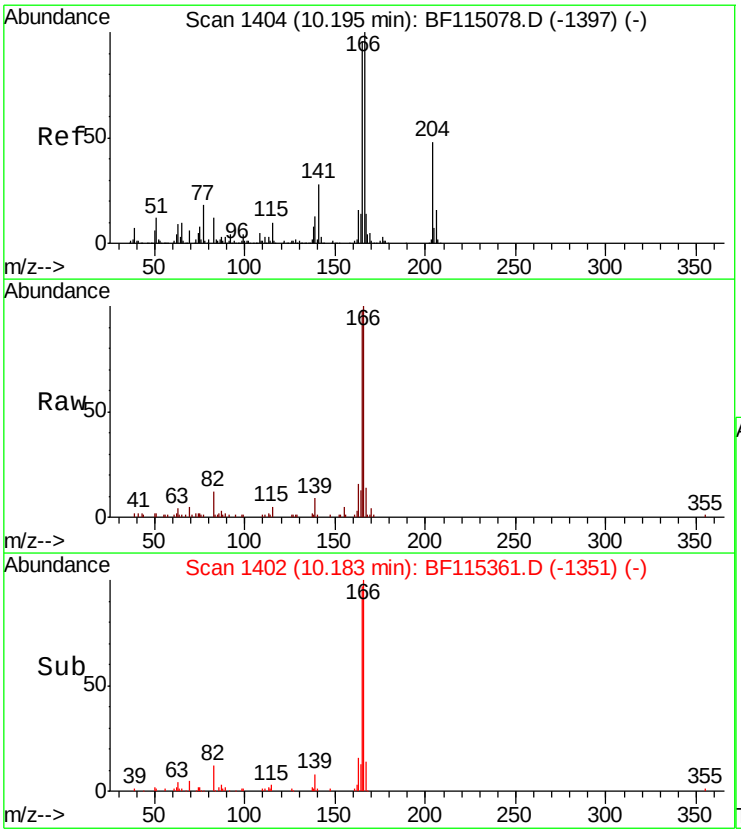
#57
2,4-Dinitrotoluene
Concen: 5.805 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.19 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 49484

Ion	Ratio	Lower	Upper
165	100		
63	1.0	31.2	46.8#
89	1.4	52.8	79.2#
182	0.0	2.2	3.2#

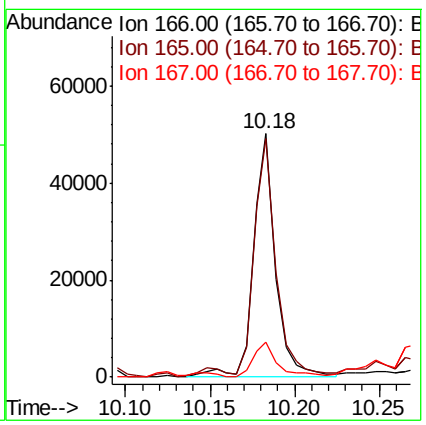


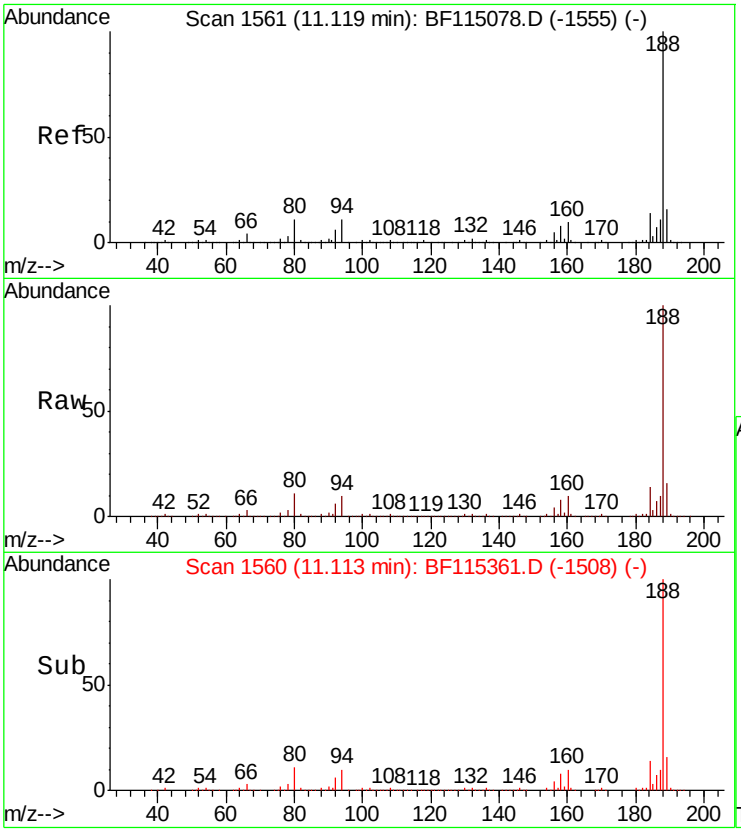


#58
Fluorene
Concen: Below Cal
RT: 10.18 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:166 Resp: 45890

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	14.1	10.5	15.7



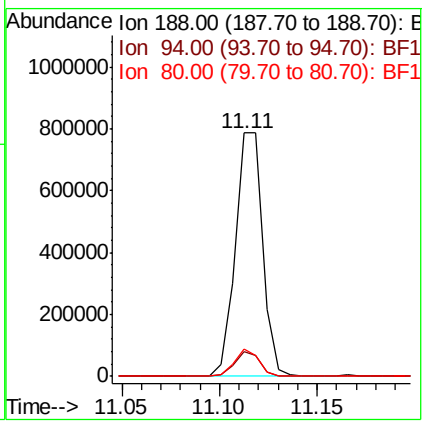


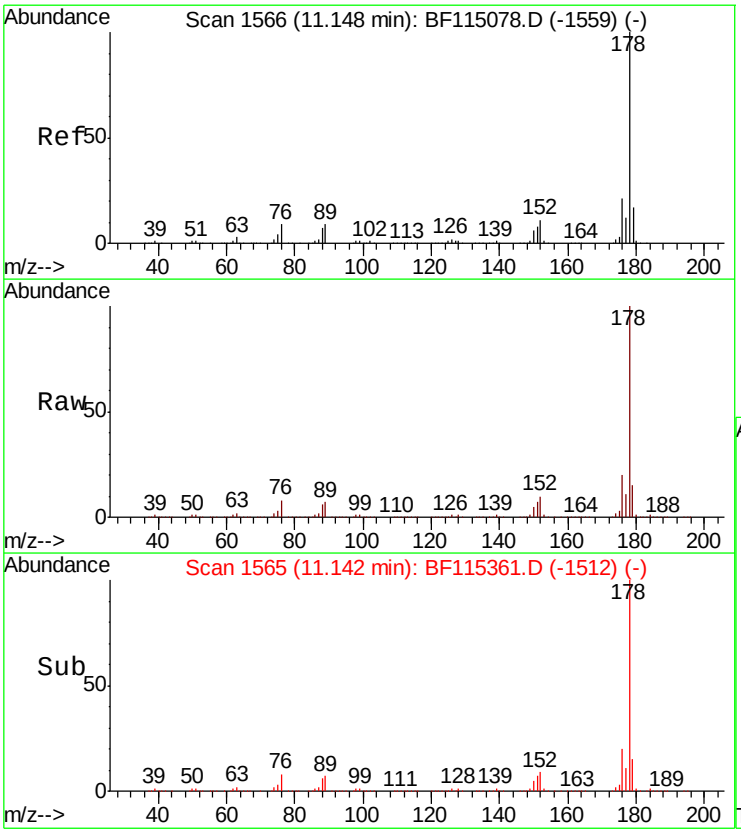
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 763817

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.6	11.4
80	11.0	7.9	11.9

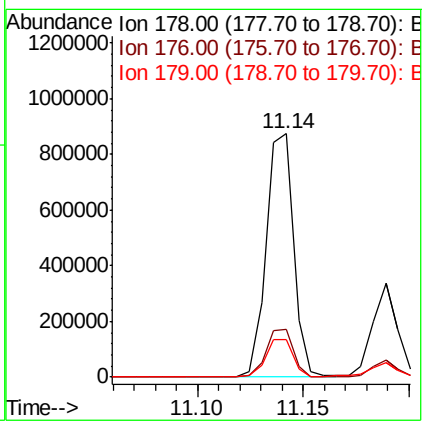


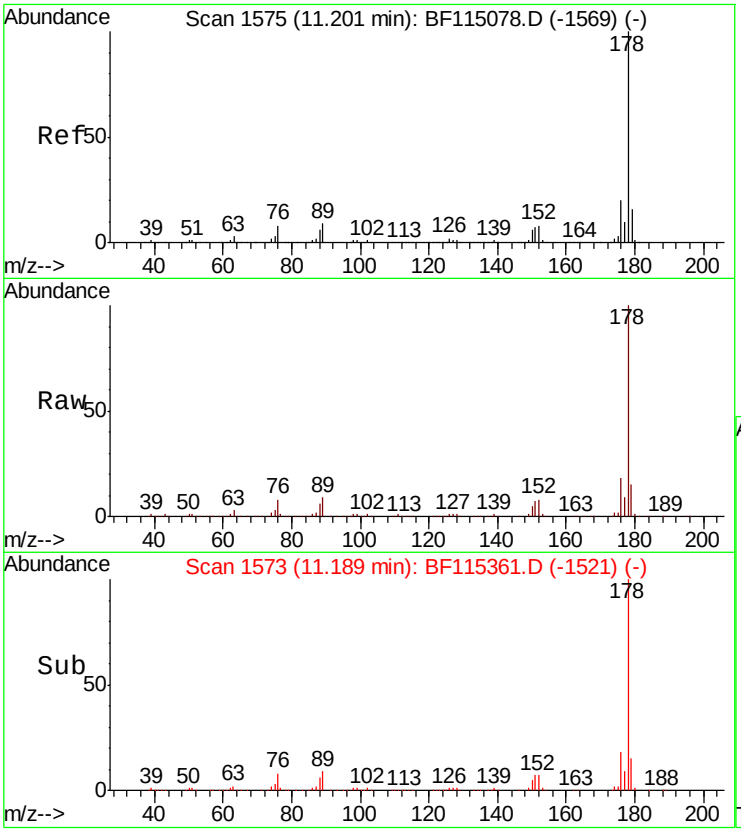


#71
Phenanthrene
Concen: 19.252 ng
RT: 11.14 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:178 Resp: 791757

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.4	24.6
179	15.3	13.1	19.7



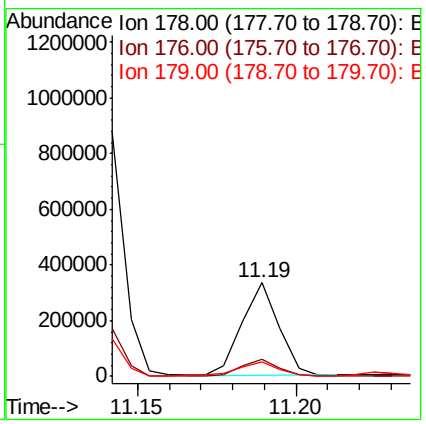


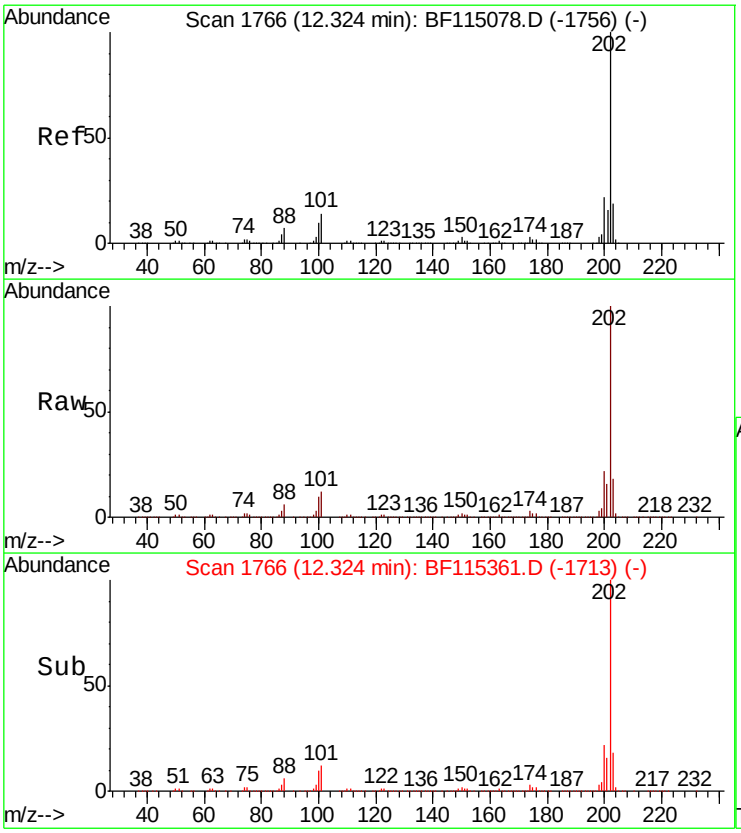
#72
Anthracene
Concen: 6.528 ng
RT: 11.19 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 270994

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	15.4	13.2	19.8

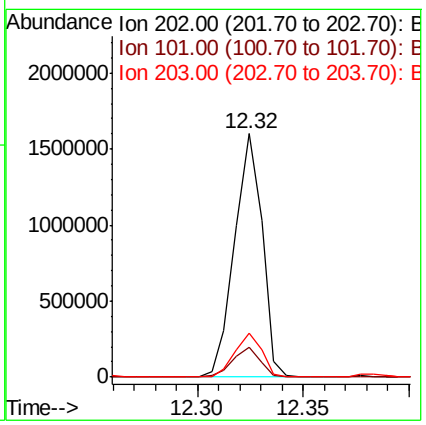


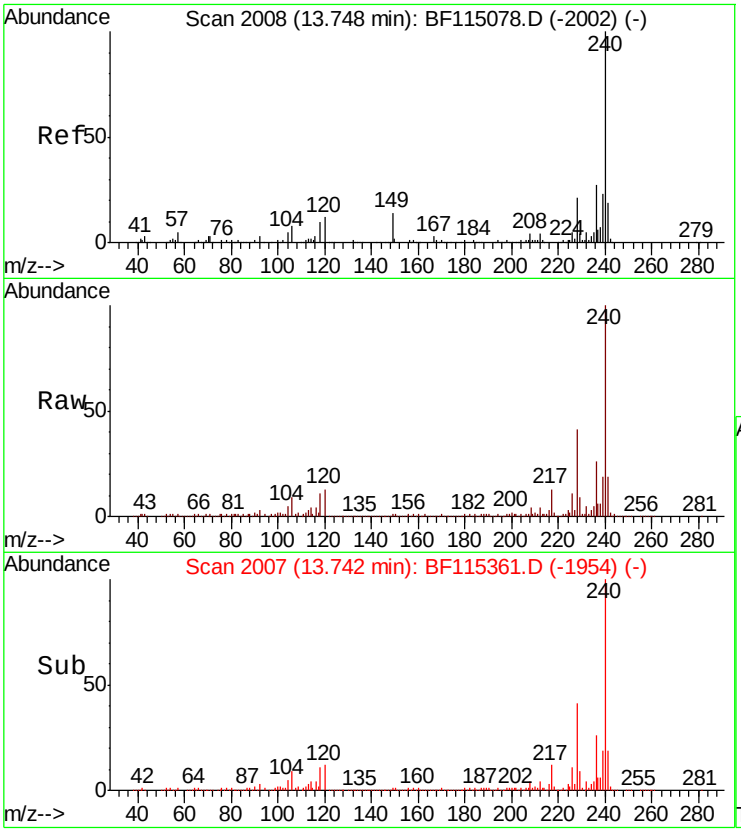


#75
Fluoranthene
Concen: 35.029 ng
RT: 12.32 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:202 Resp: 1437317

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.6
203	18.3	0.0	38.2



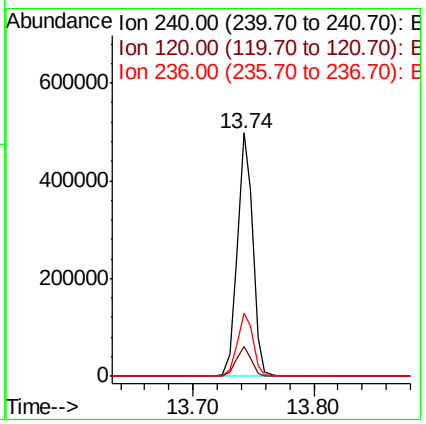


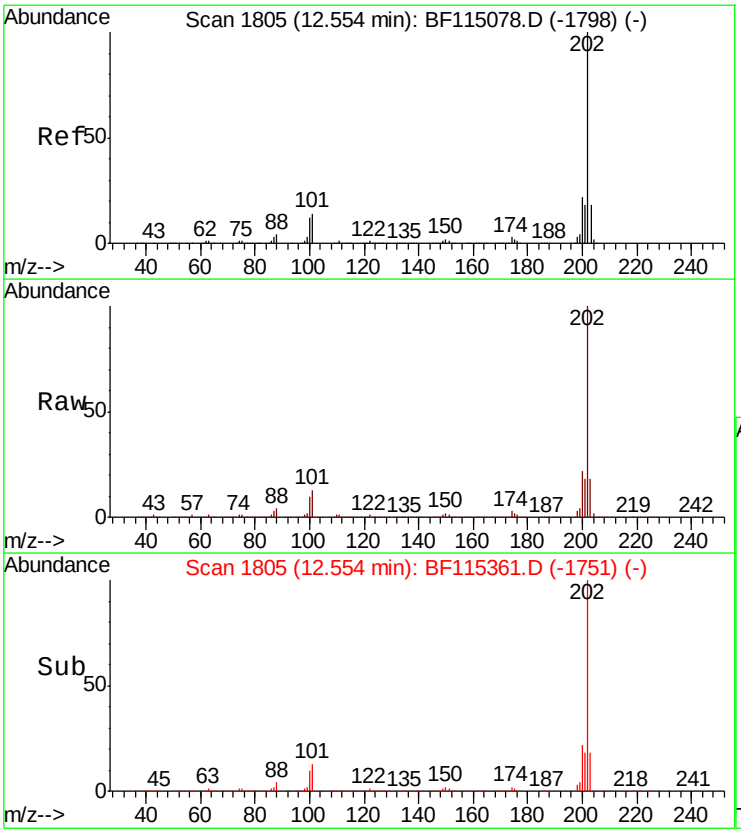
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 446114

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.8	16.2
236	26.1	21.8	32.8

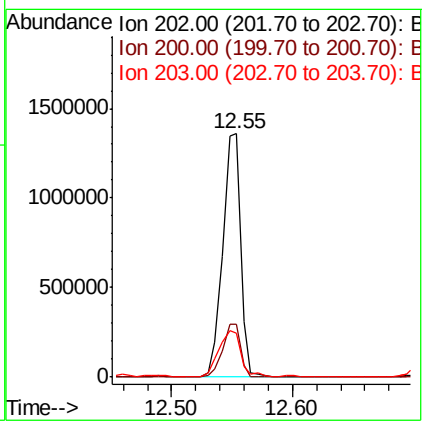


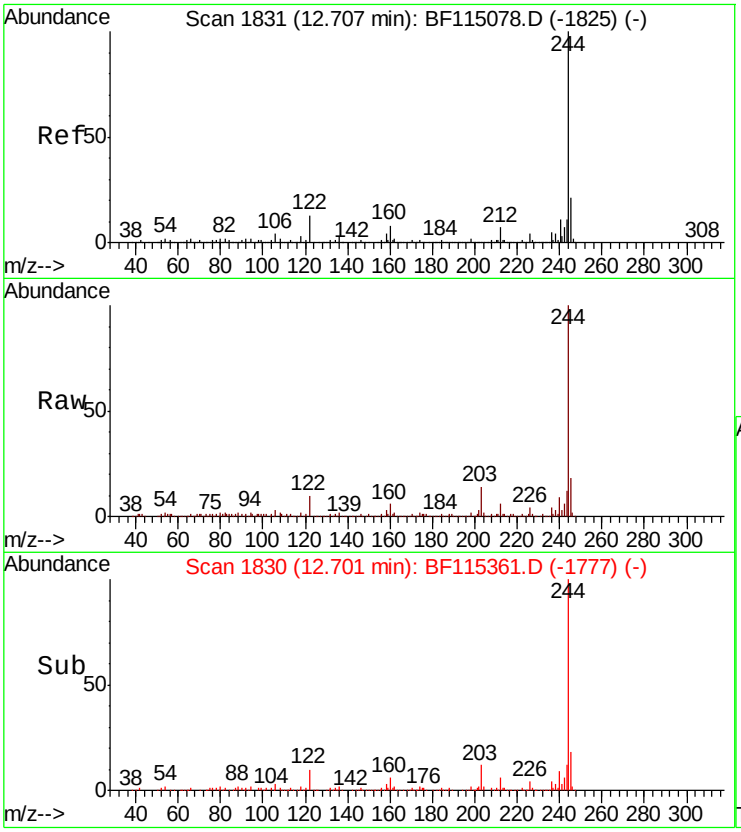


#78
Pyrene
Concen: 40.822 ng
RT: 12.55 min Scan# 1805
Delta R.T. 0.02 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:202 Resp: 1399561

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.3	27.5
203	18.1	15.0	22.4



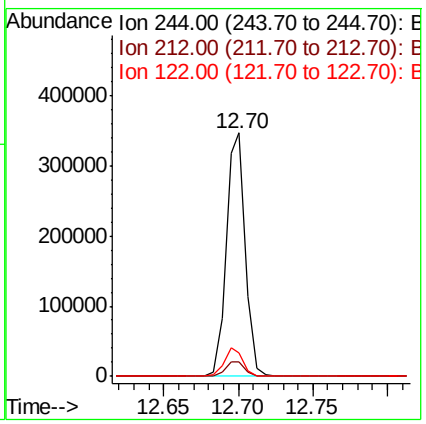


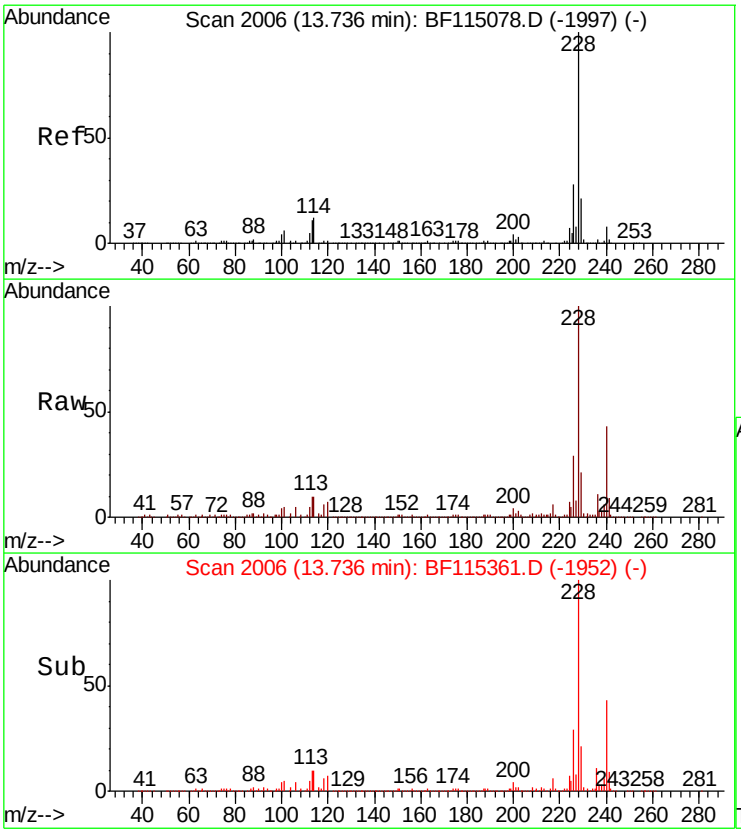
#79
Terphenyl-d14
Concen: 14.919 ng
RT: 12.70 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 313039

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.7	8.5
122	9.7	9.9	14.9#

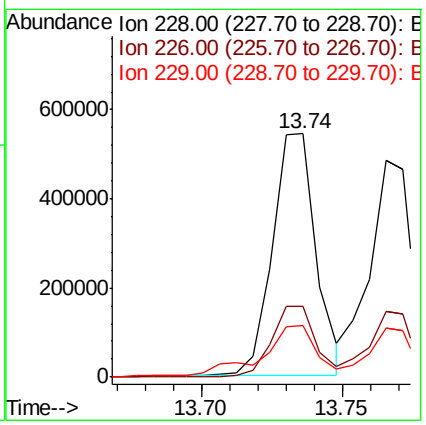


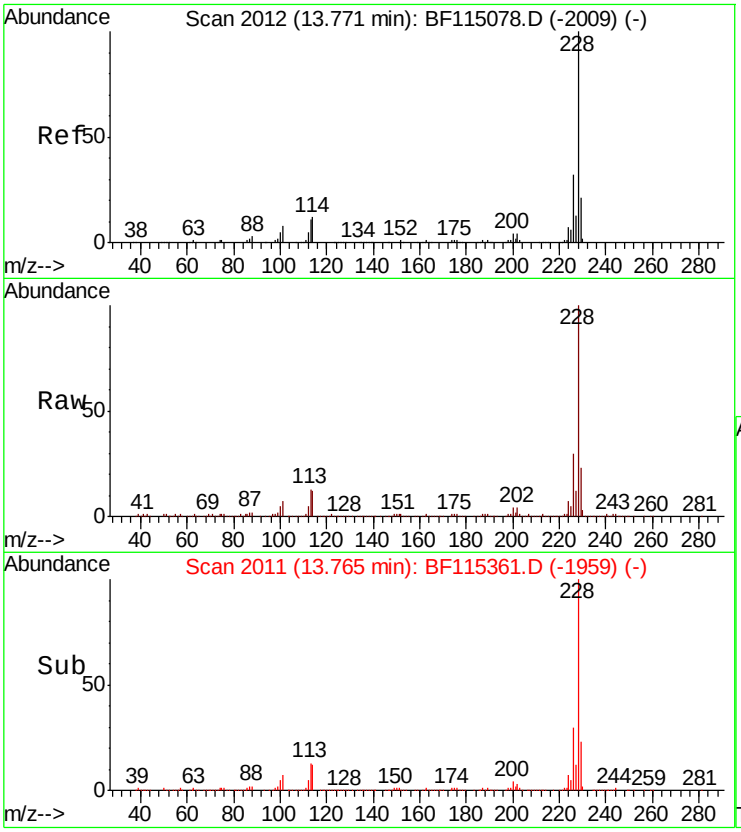


#81
Benzo(a)anthracene
Concen: 18.209 ng
RT: 13.74 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:228 Resp: 582876

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.5	33.7
229	21.1	16.6	25.0



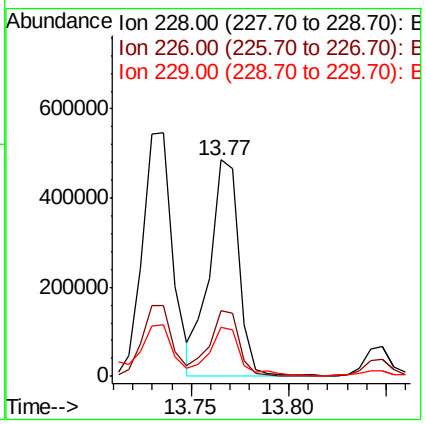


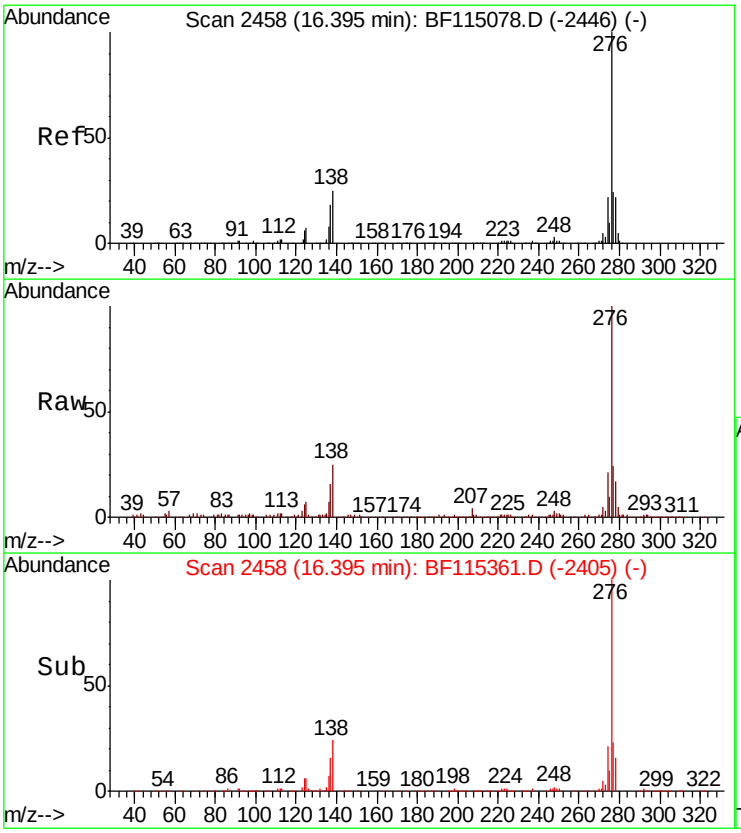
#83
Chrysene
Concen: 17.231 ng
RT: 13.77 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 505238

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.9	16.5	24.7

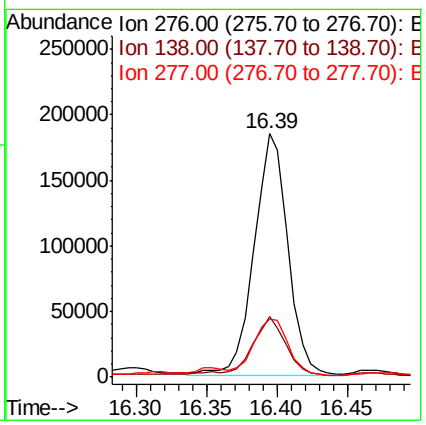


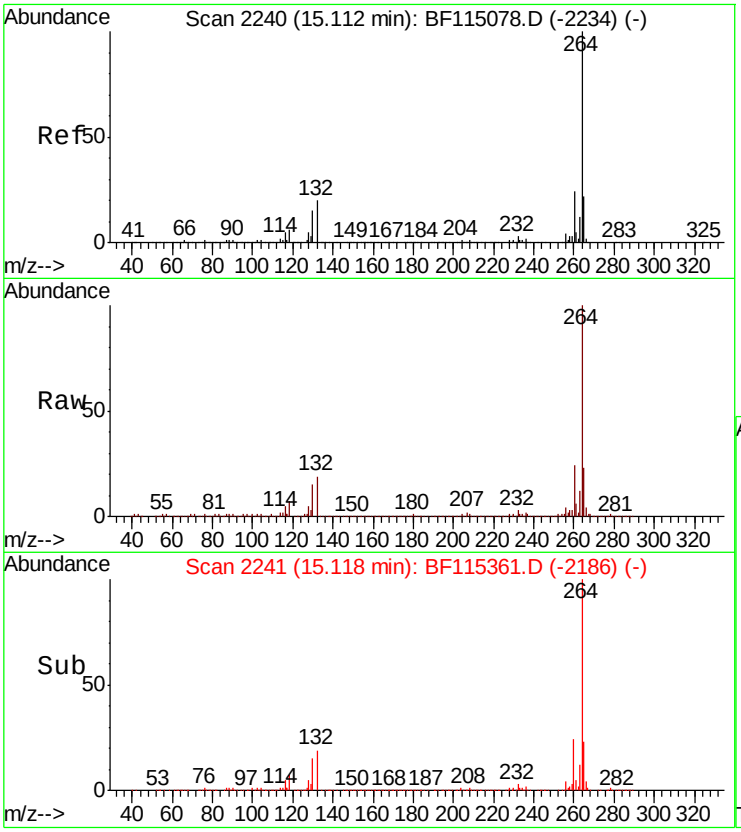


#86
Indeno(1,2,3-cd)pyrene
Concen: 9.045 ng
RT: 16.39 min Scan# 2458
Delta R.T. 0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:276 Resp: 313840

Ion	Ratio	Lower	Upper
276	100		
138	23.9	21.9	32.9
277	24.3	20.5	30.7



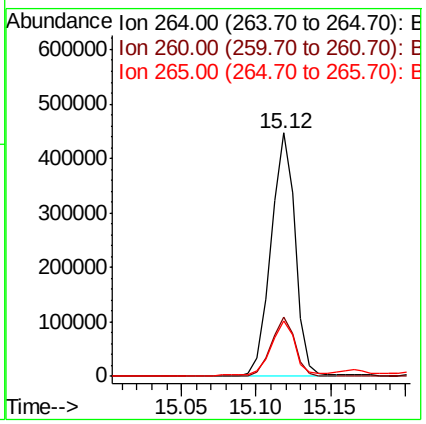


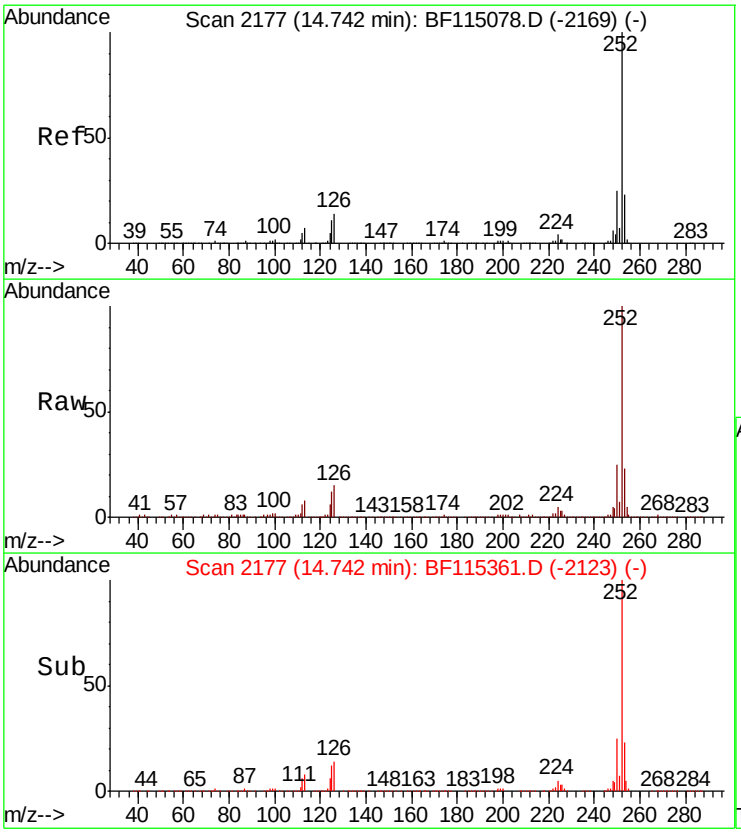
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.12 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 503963

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.8	18.2	27.2

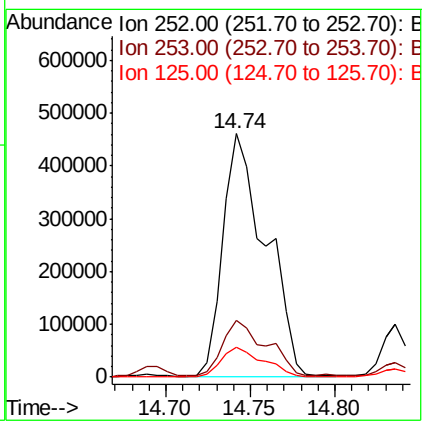


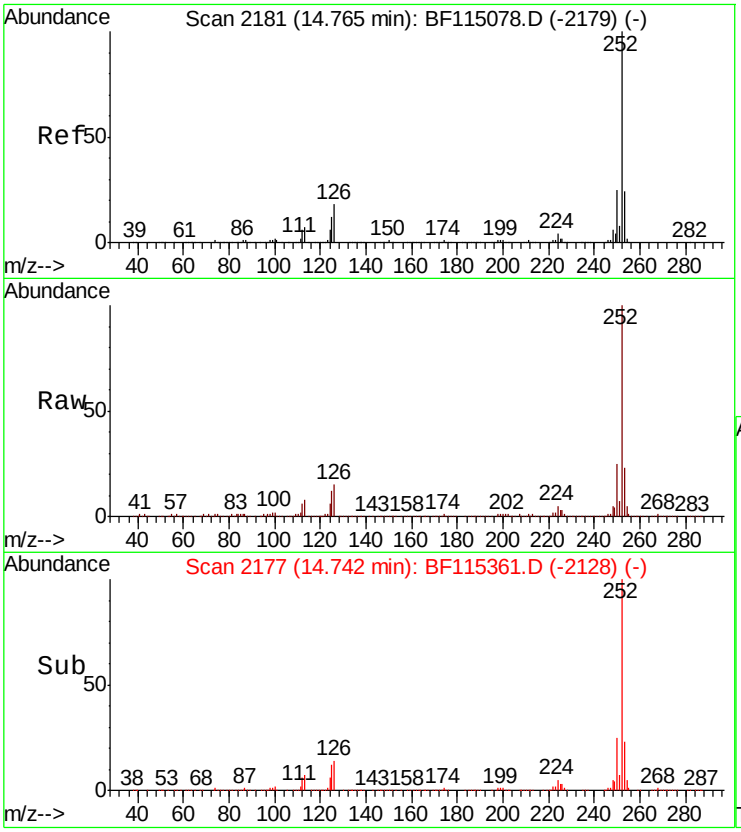


#88
Benzo(b)fluoranthene
Concen: 25.718 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:252 Resp: 808739

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.5	9.3	13.9



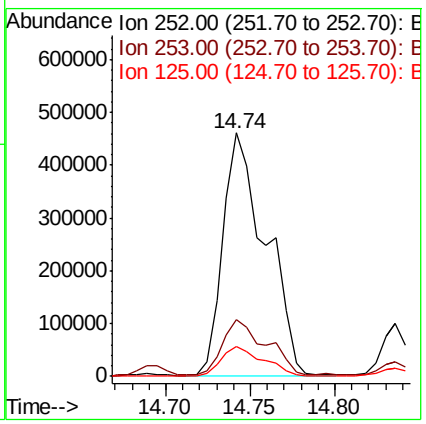


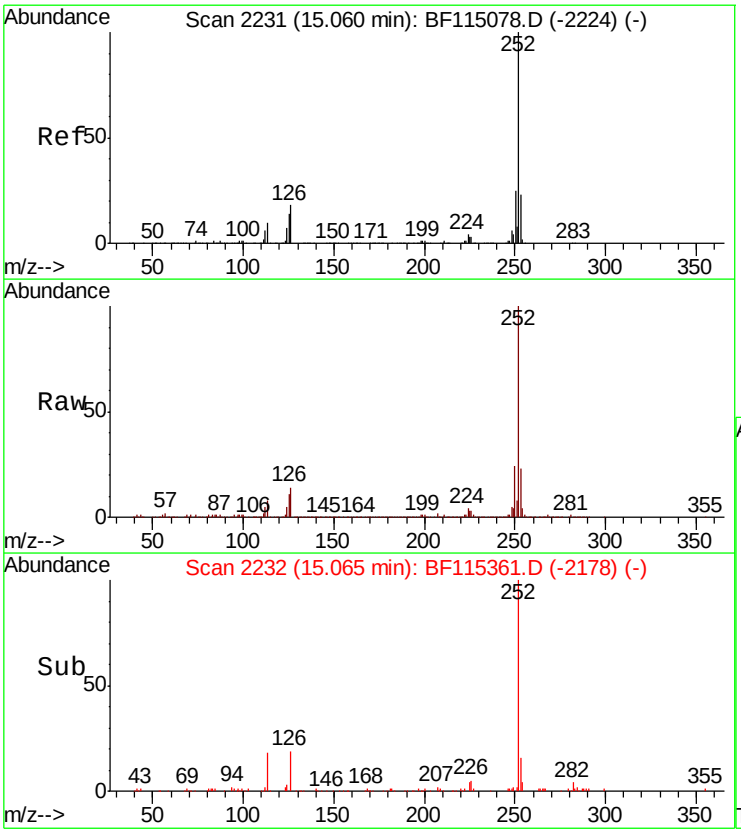
#89
Benzo(k)fluoranthene
Concen: 28.679 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 808739

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.5	8.7	13.1

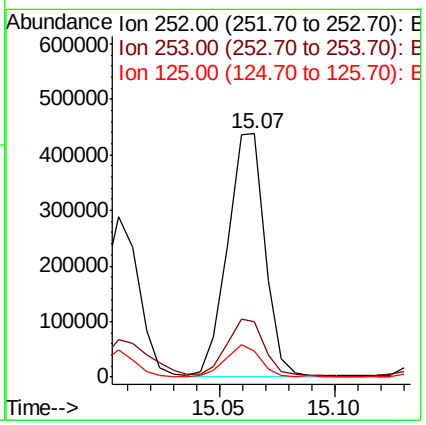


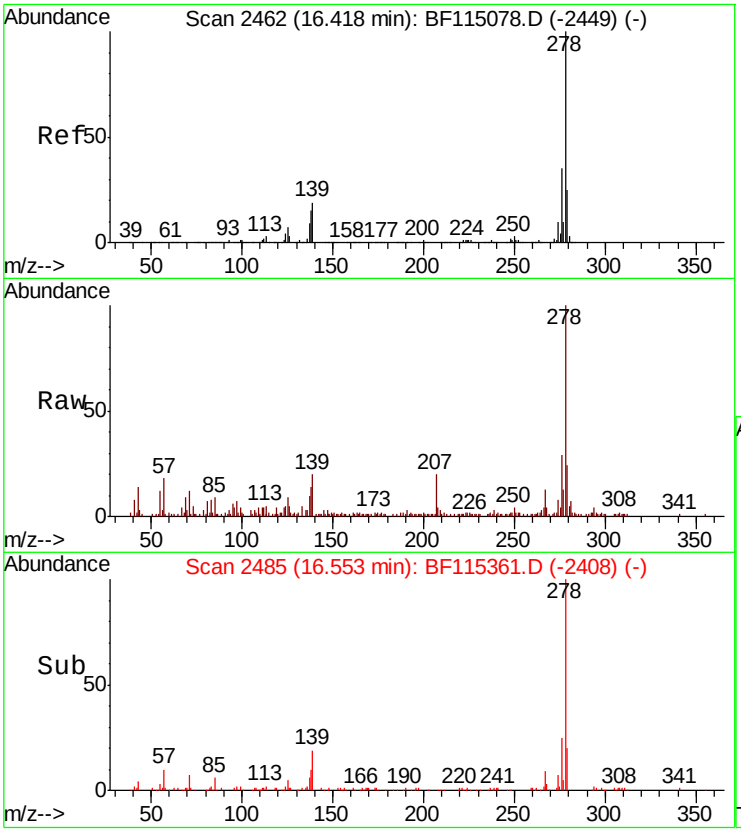


#90
Benzo(a)pyrene
Concen: 17.437 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.02 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:252 Resp: 494211

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.8	9.9	14.9



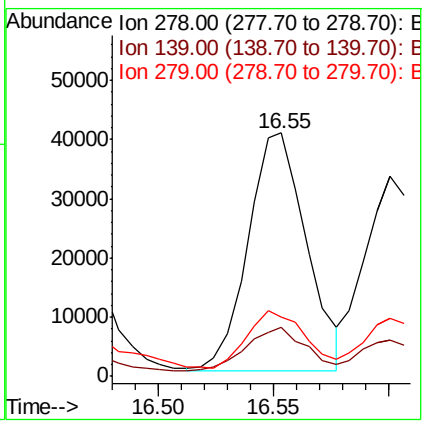


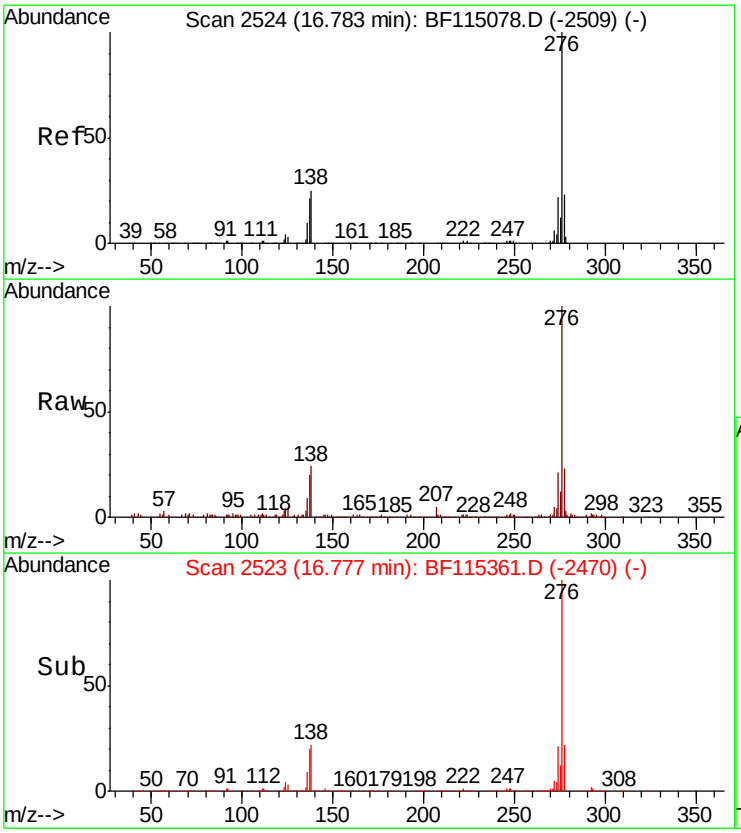
#91
Dibenzo(a,h)anthracene
Concen: 2.681 ng
RT: 16.55 min Scan# 2485
Delta R.T. 0.15 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 70930

Ion	Ratio	Lower	Upper
278	100		
139	20.3	14.2	21.2
279	24.4	19.5	29.3





#92
Benzo(g,h,i)perylene
Concen: 10.603 ng
RT: 16.78 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BF115361.D
Acq: 2 Jul 2019 16:00

Tgt Ion:276 Resp: 283939

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.7	28.1
138	23.5	19.0	28.6