Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021220\
Data File : BF118915.D
Acq On : 12 Feb 2020 15:10
Operator : CG/JU
Sample : L1493-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 13 00:00:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	190356	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	957552	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	486442	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	792630	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	589370	20.00	ng		-0.01
87) Perylene-d12	15.43	264	635993	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	683088	67.93	ng		0.00
7) Phenol-d6	6.45	99	833639	66.78	ng		0.00
23) Nitrobenzene-d5	7.36	82	521139	32.44	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	325441	55.91	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	1469750	54.01	ng		-0.02
79) Terphenyl-d14	12.91	244	1336469	46.58	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	735	Below Cal		#	80
19) n-Nitroso-di-n-propylamine	7.36	70	72094	9.439	ng	#	76
25) Isophorone	7.36	82	521128	18.050	ng	#	63
51) 2,6-Dinitrotoluene	9.84	165	63112	8.328	ng	#	31
57) 2,4-Dinitrotoluene	9.84	165	63112	6.293	ng	#	34
67) 4-Bromophenyl-phenylether	10.63	248	20331	2.168	ng	#	1
71) Phenanthrene	11.35	178	182260	4.674	ng		97
75) Fluoranthene	12.54	202	358545	8.421	ng		98
78) Pyrene	12.77	202	301720	7.462	ng		98
81) Benzo(a)anthracene	13.96	228	168901	4.816	ng		98
83) Chrysene	13.99	228	173360	4.925	ng		96
84) Bis(2-ethylhexyl)phthalate	13.94	149	214300	9.153	ng		98
86) Indeno(1,2,3-cd)pyrene	16.87	276	110388	3.121	ng		96
88) Benzo(b)fluoranthene	15.00	252	288739	7.316	ng	#	91
89) Benzo(k)fluoranthene	15.00	252	288739	8.402	ng	#	90
90) Benzo(a)pyrene	15.36	252	147745	4.375	ng	#	87
92) Benzo(g,h,i)perylene	17.30	276	102042	3.539	ng	#	93

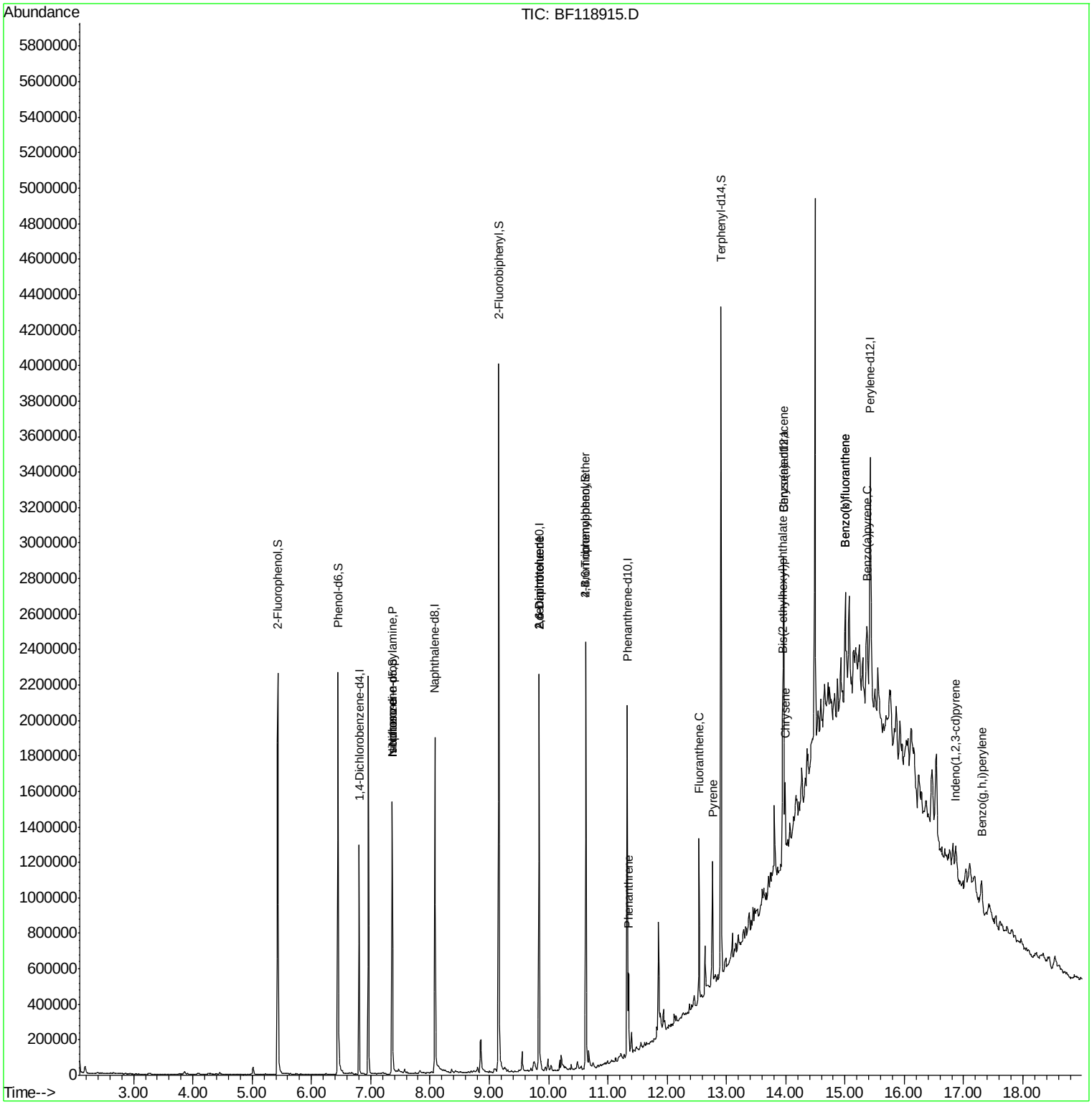
(#) = qualifier out of range (m) = manual integration (+) = signals summed

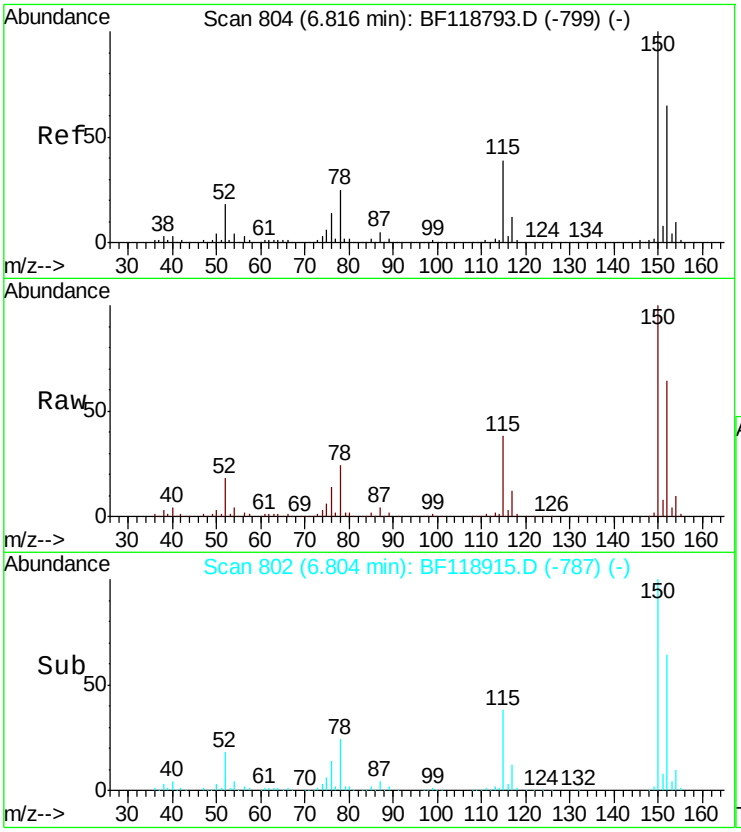
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021220\
Data File : BF118915.D
Acq On : 12 Feb 2020 15:10
Operator : CG/JU
Sample : L1493-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 13 00:00:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



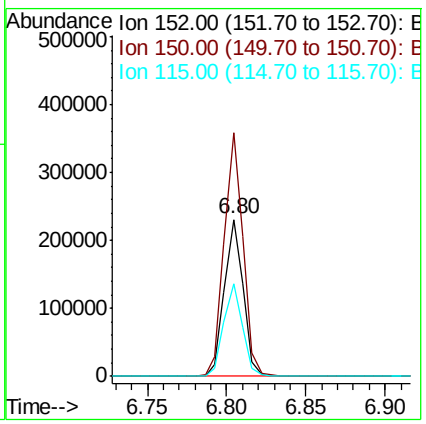


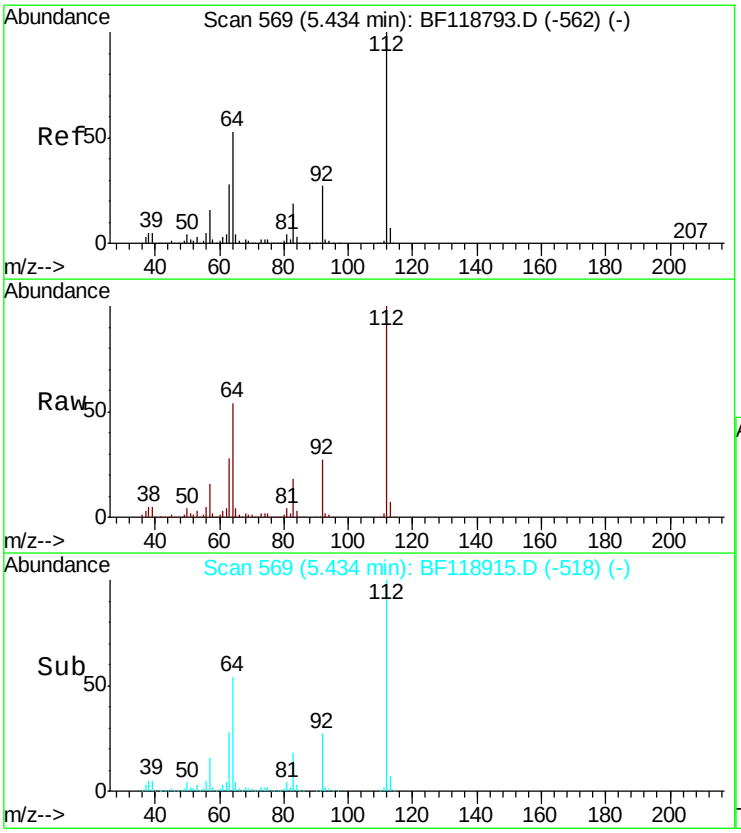
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 190356

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.6	185.4
115	59.0	48.2	72.2

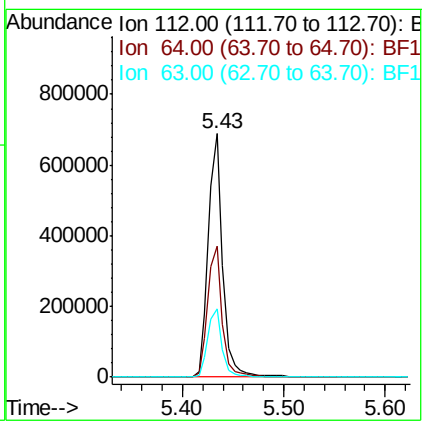


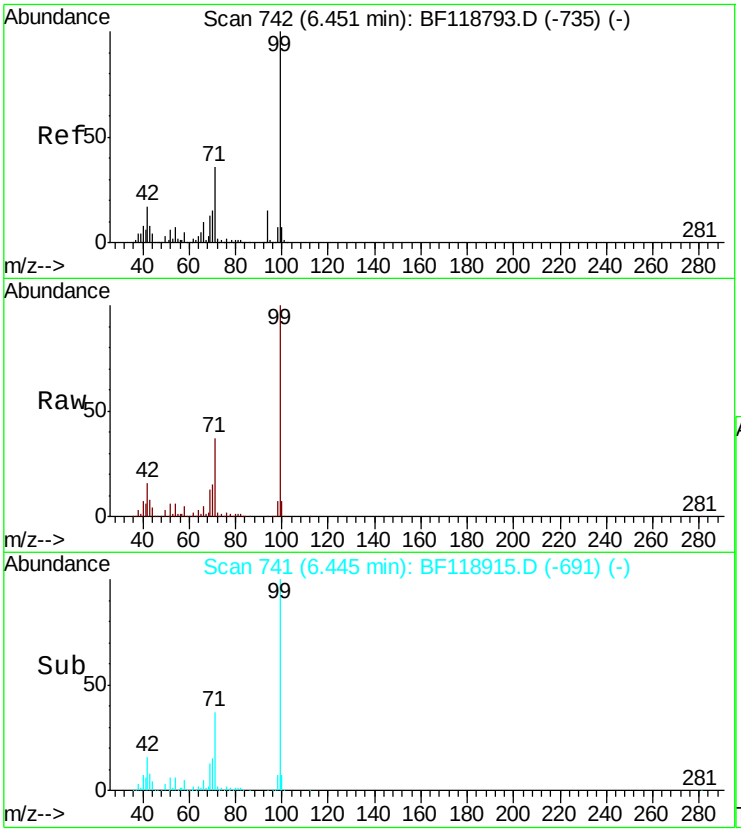


#5
2-Fluorophenol
Concen: 67.927 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion:112 Resp: 683088

Ion	Ratio	Lower	Upper
112	100		
64	53.9	42.6	63.8
63	28.0	22.2	33.4



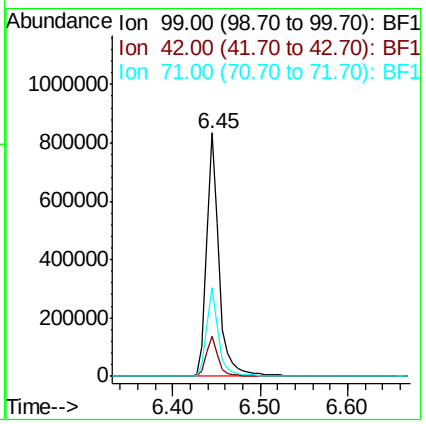


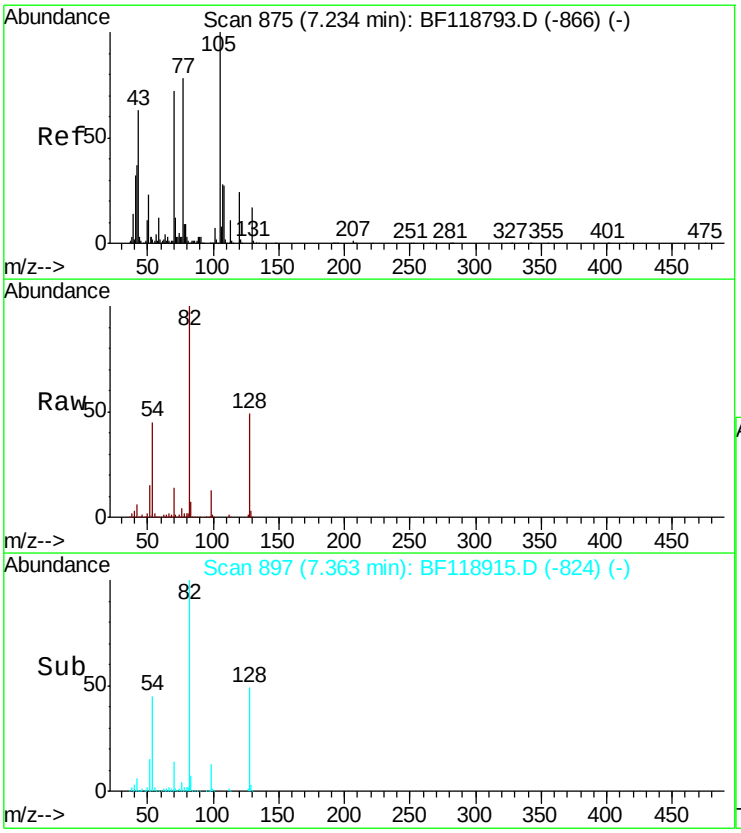
#7
Phenol-d6
Concen: 66.780 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 833639

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.0
71	36.7	29.0	43.6

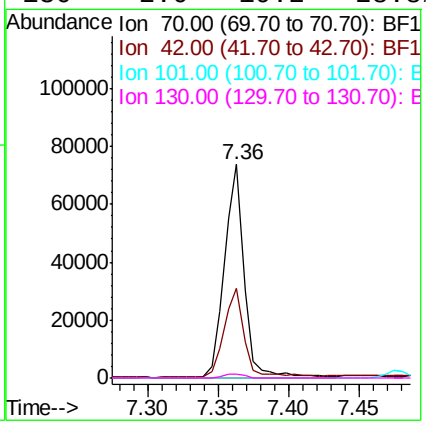


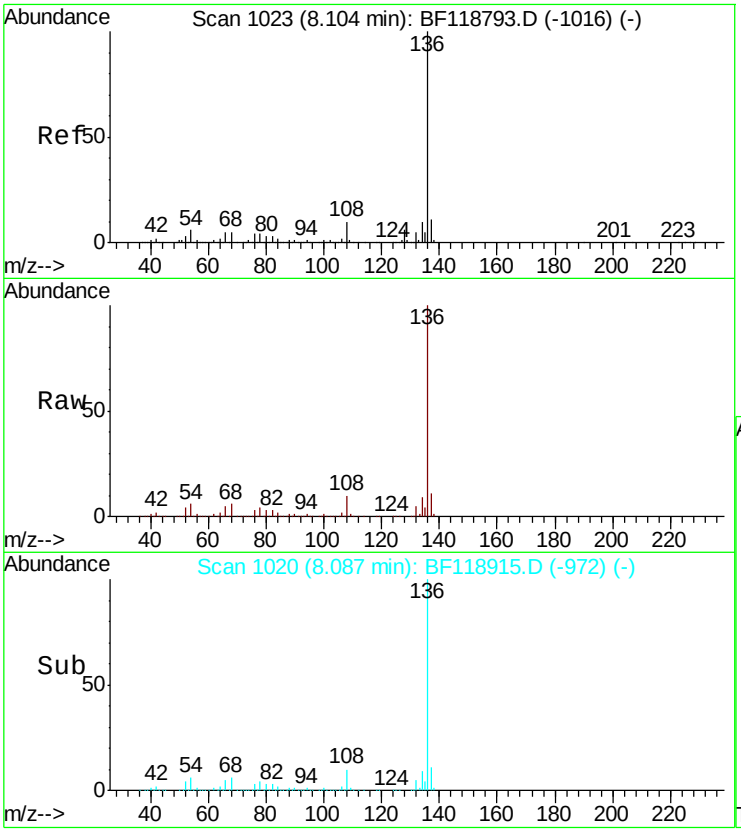


#19
n-Nitroso-di-n-propylamine
Concen: 9.439 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.13 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion: 70 Resp: 72094

Ion	Ratio	Lower	Upper
70	100		
42	41.8	41.5	62.3
101	0.0	8.3	12.5#
130	2.0	19.2	28.8#



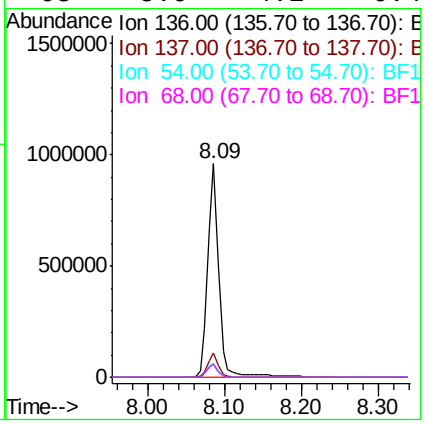


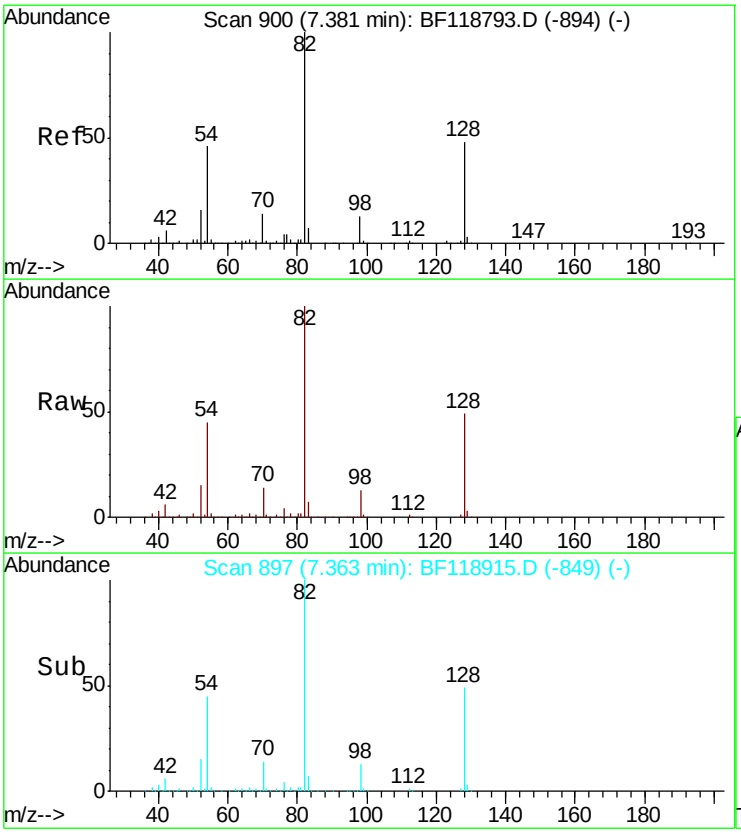
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 957552

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	5.0	7.6
68	5.9	4.2	6.4

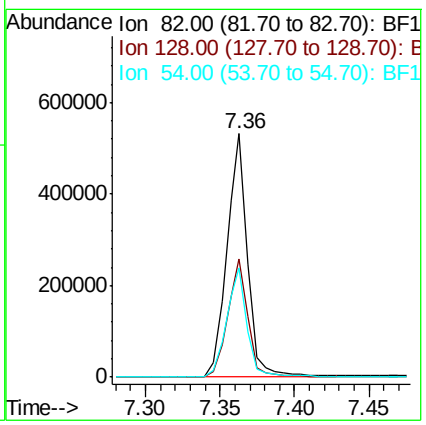


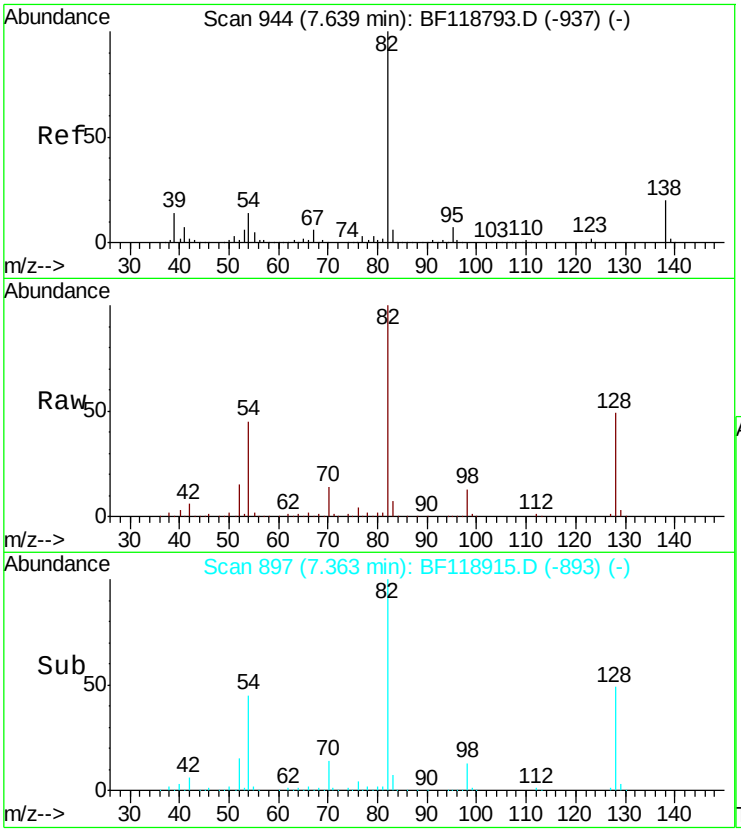


#23
Nitrobenzene-d5
Concen: 32.439 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion: 82 Resp: 521139

Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.5	57.7
54	44.7	36.7	55.1



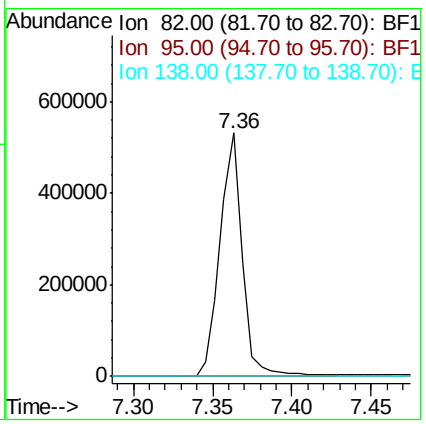


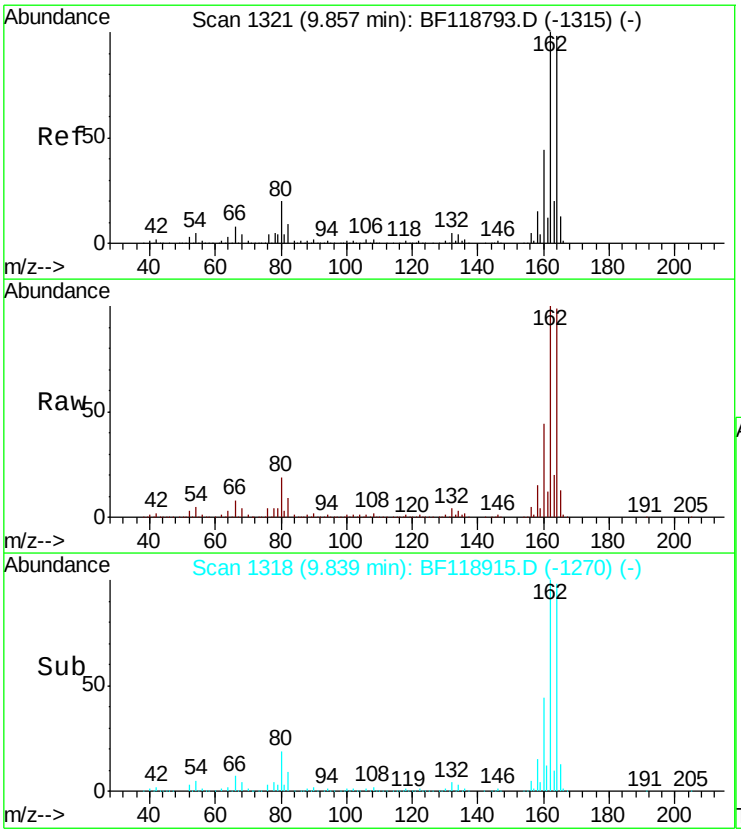
#25
Isophorone
Concen: 18.050 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.28 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 521128

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.0	9.0#
138	0.0	15.7	23.5#

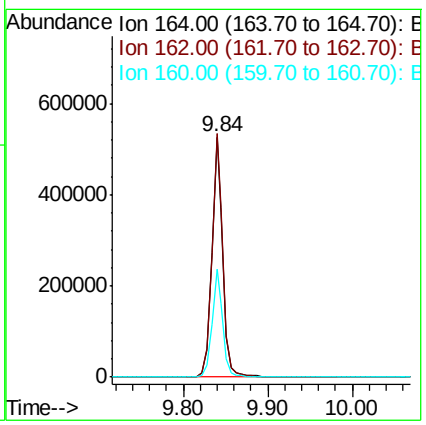


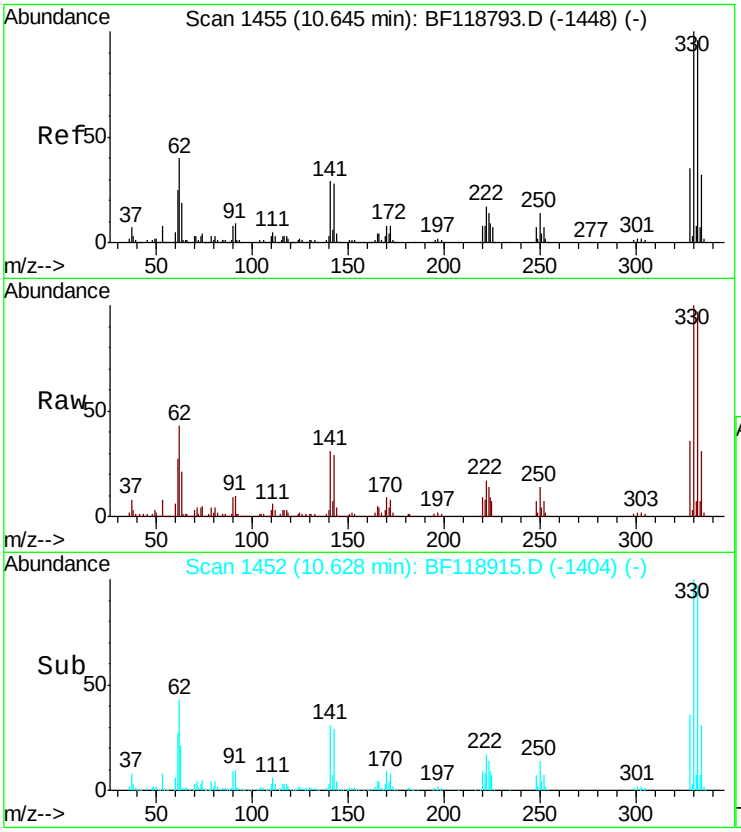


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion:164 Resp: 486442

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.2
160	44.9	35.6	53.4



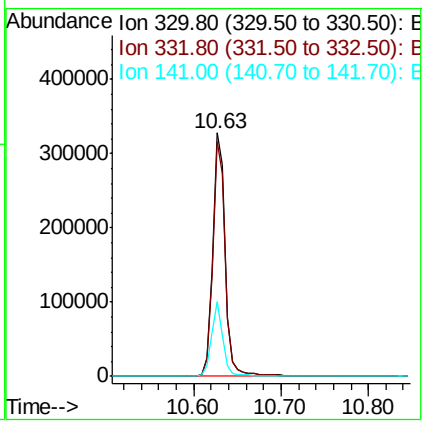


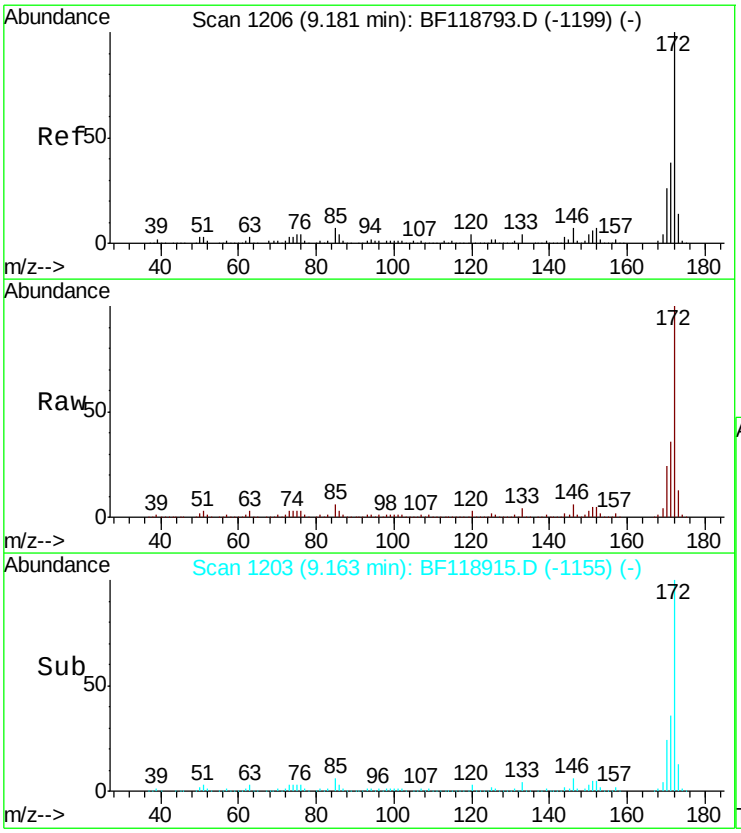
#42
2,4,6-Tribromophenol
Concen: 55.914 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 325441

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	28.6	22.4	33.6

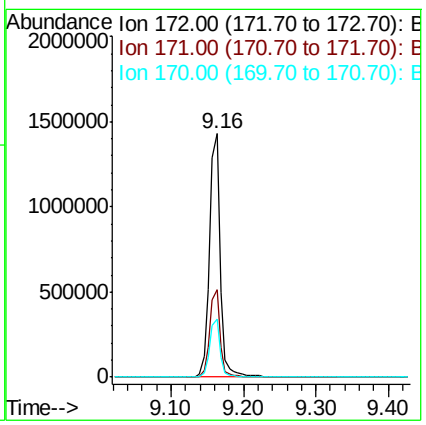


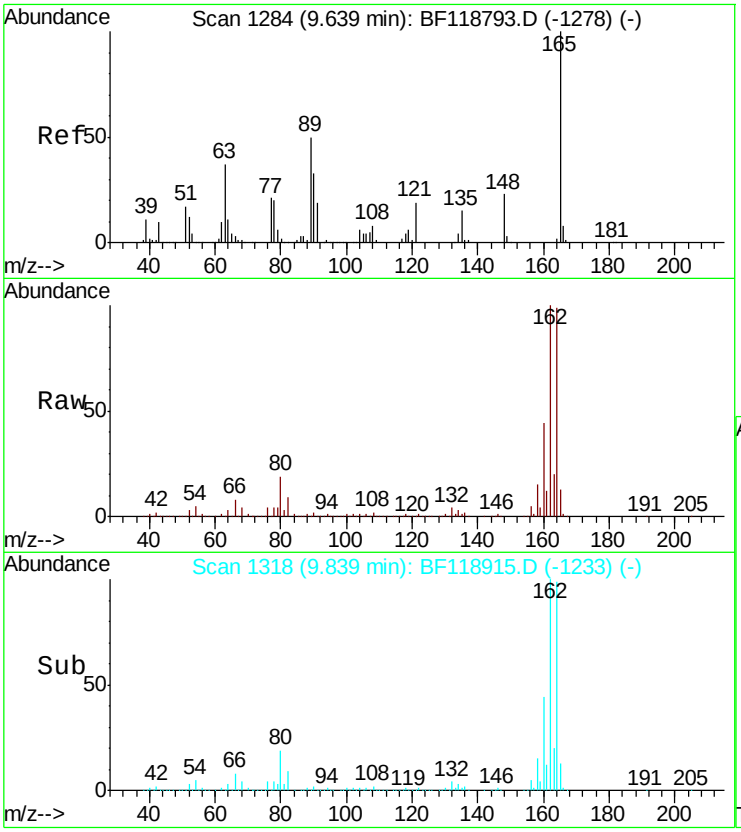


#45
2-Fluorobiphenyl
Concen: 54.014 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion:172 Resp: 1469750

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	23.8	20.5	30.7



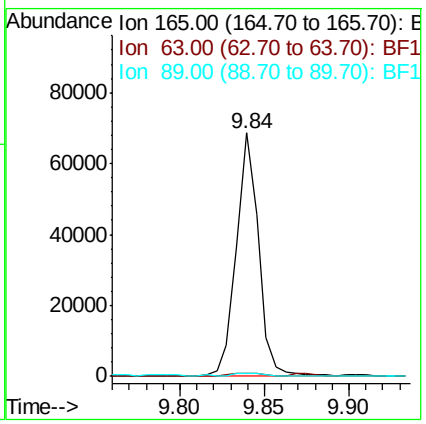


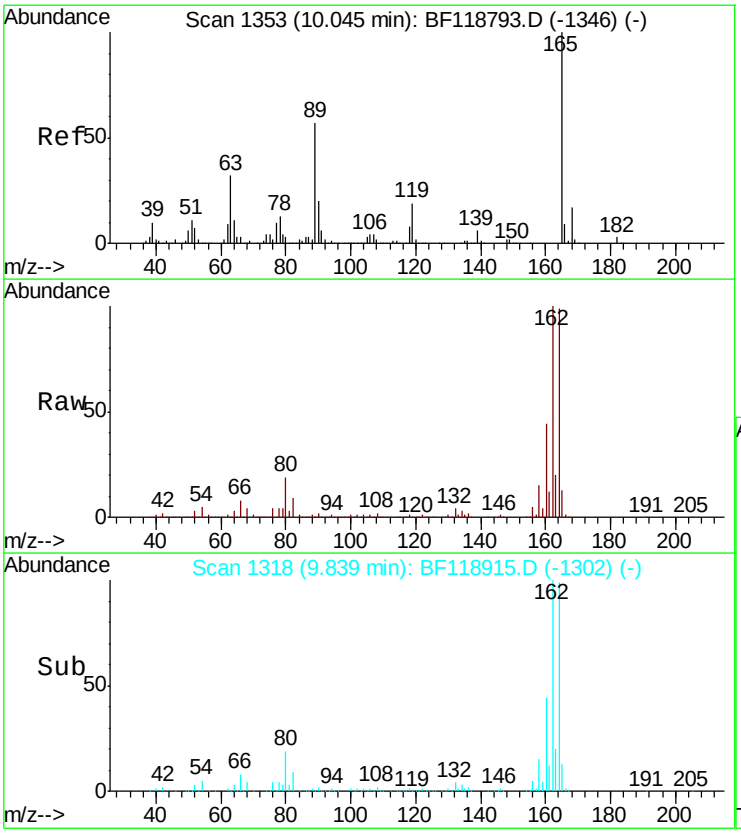
#51
2,6-Dinitrotoluene
Concen: 8.328 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 63112

Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.4	56.0#
89	1.3	39.7	59.5#

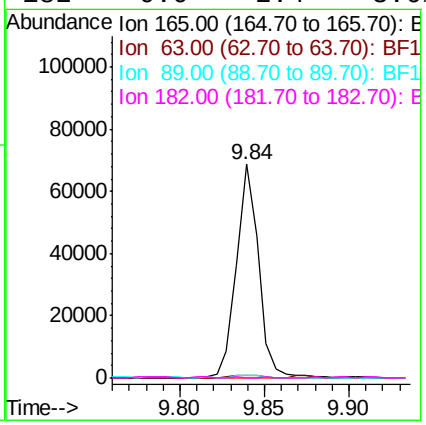


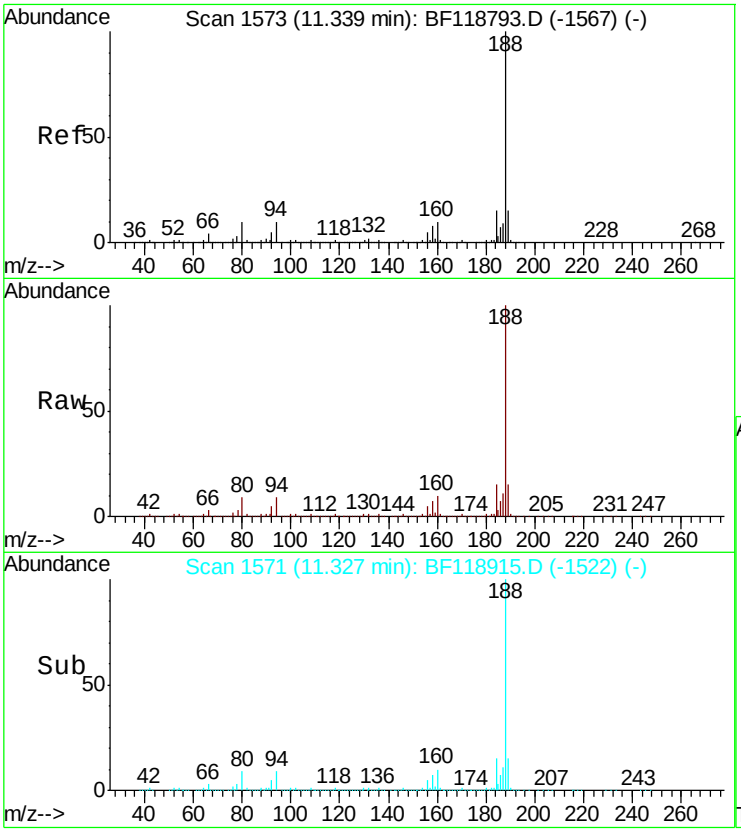


#57
2,4-Dinitrotoluene
Concen: 6.293 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion:165 Resp: 63112

Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.5	38.3#
89	1.3	45.4	68.0#
182	0.0	2.4	3.6#



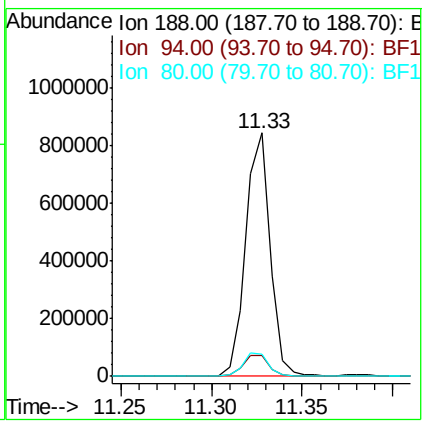


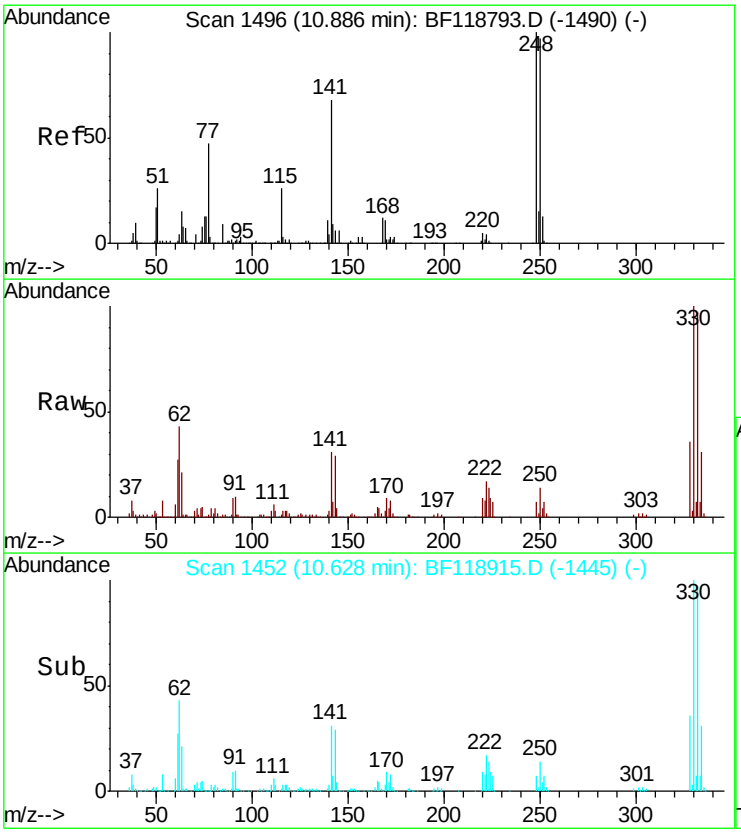
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 792630

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.3	8.4	12.6

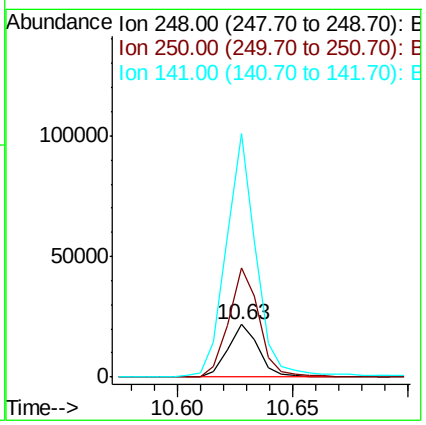


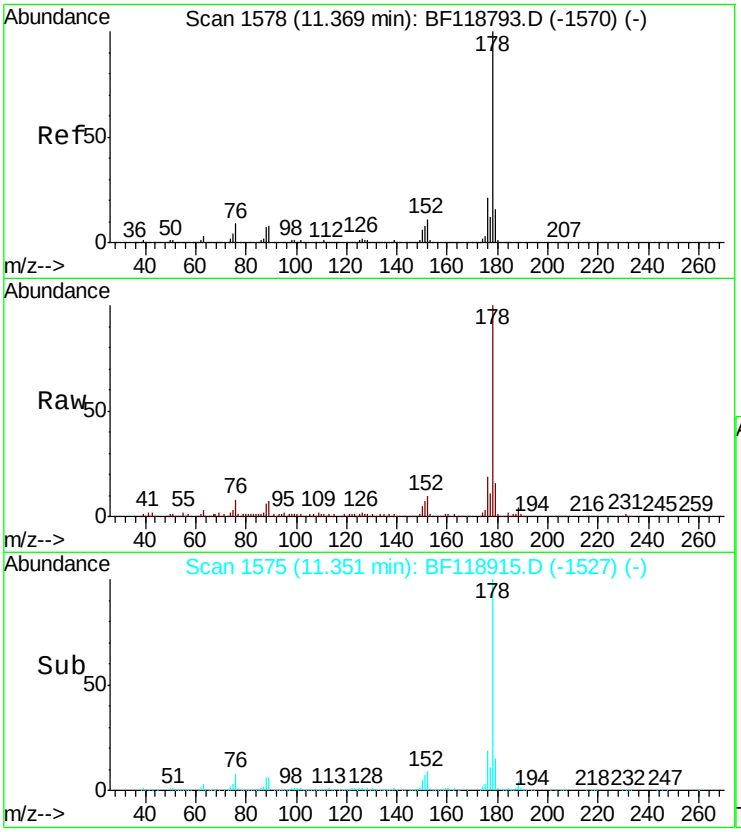


#67
4-Bromophenyl-phenylether
Concen: 2.168 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.26 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion:248 Resp: 20331

Ion	Ratio	Lower	Upper
248	100		
250	205.9	77.6	116.4#
141	460.9	54.4	81.6#



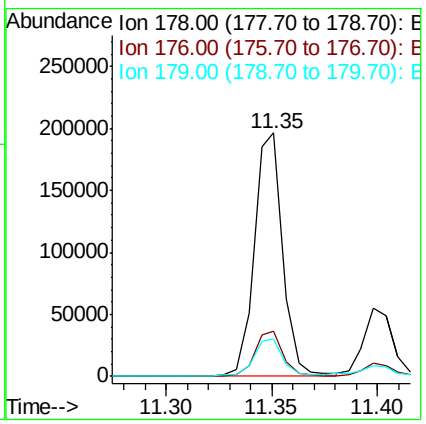


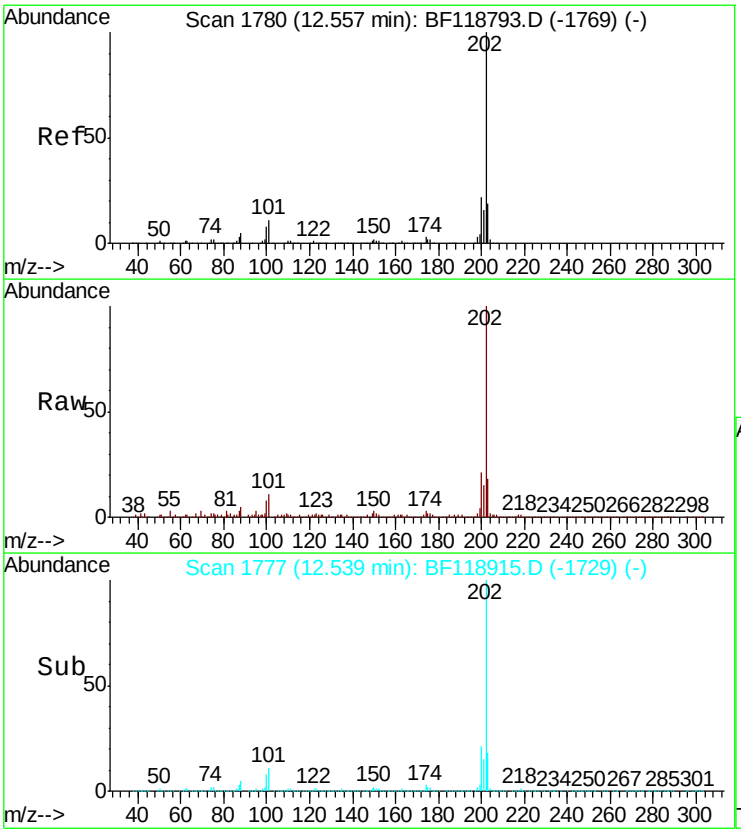
#71
Phenanthrene
Concen: 4.674 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 182260

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.6	24.8
179	15.6	13.2	19.8

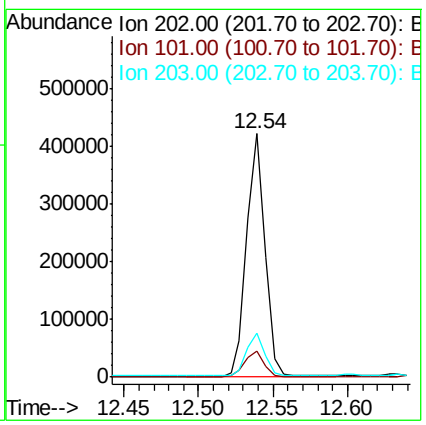


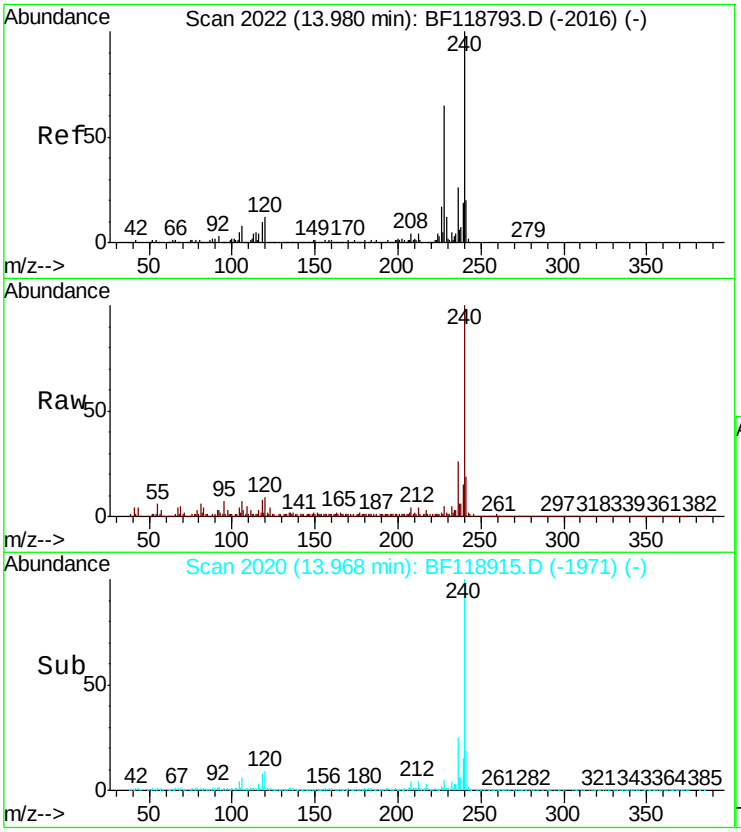


#75
Fluoranthene
Concen: 8.421 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.02 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion:202 Resp: 358545

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.0
203	17.9	0.0	38.7



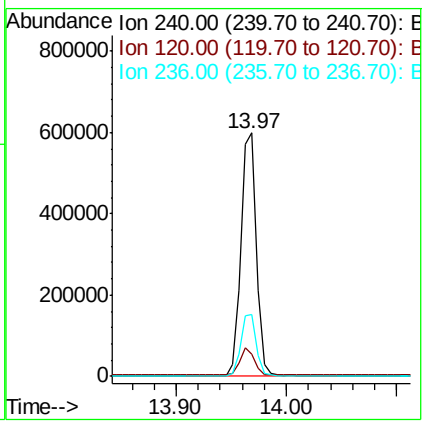


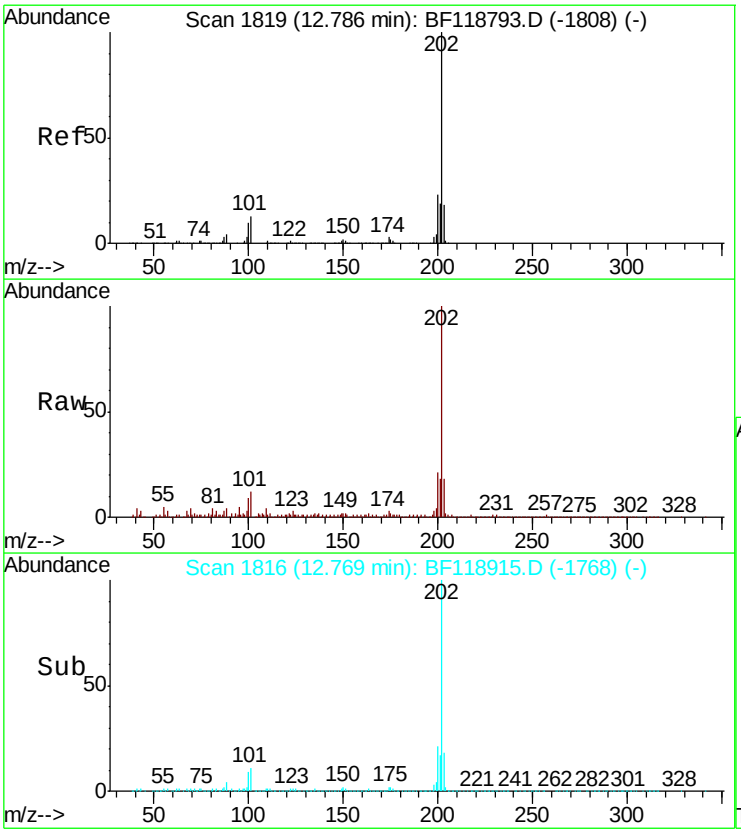
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 589370

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.4	14.0#
236	25.6	21.0	31.6

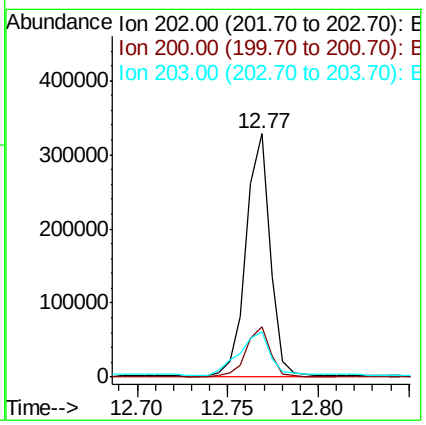


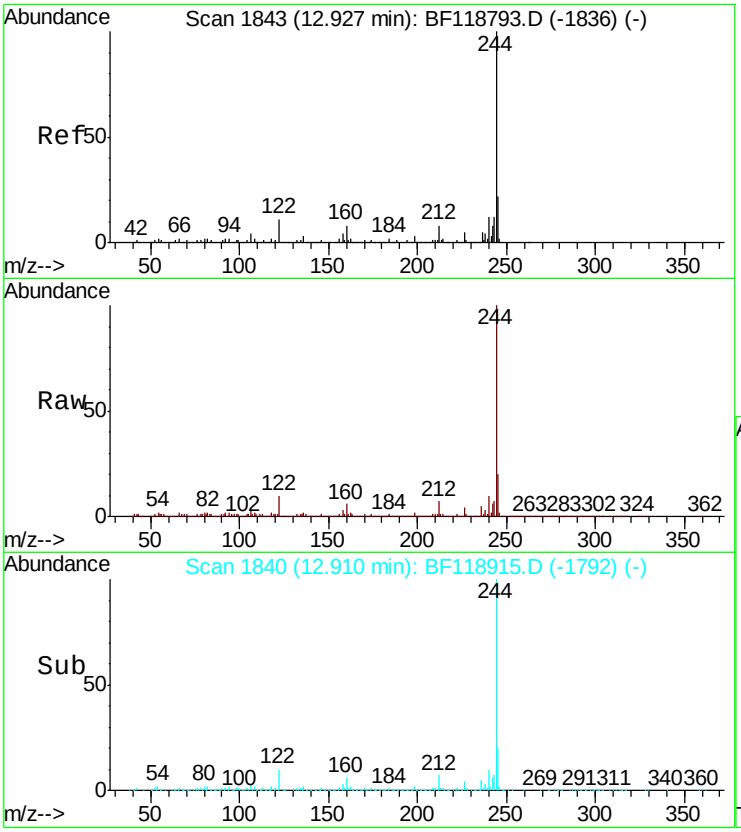


#78
Pyrene
Concen: 7.462 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion:202 Resp: 301720

Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.2	27.2
203	18.3	14.8	22.2



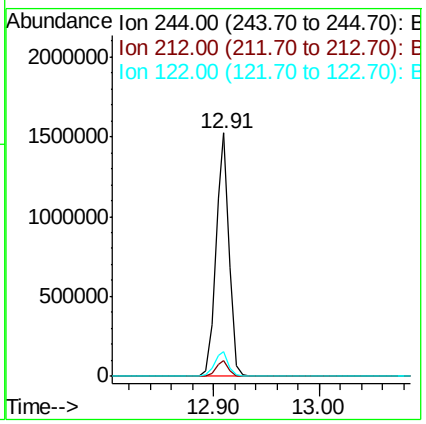


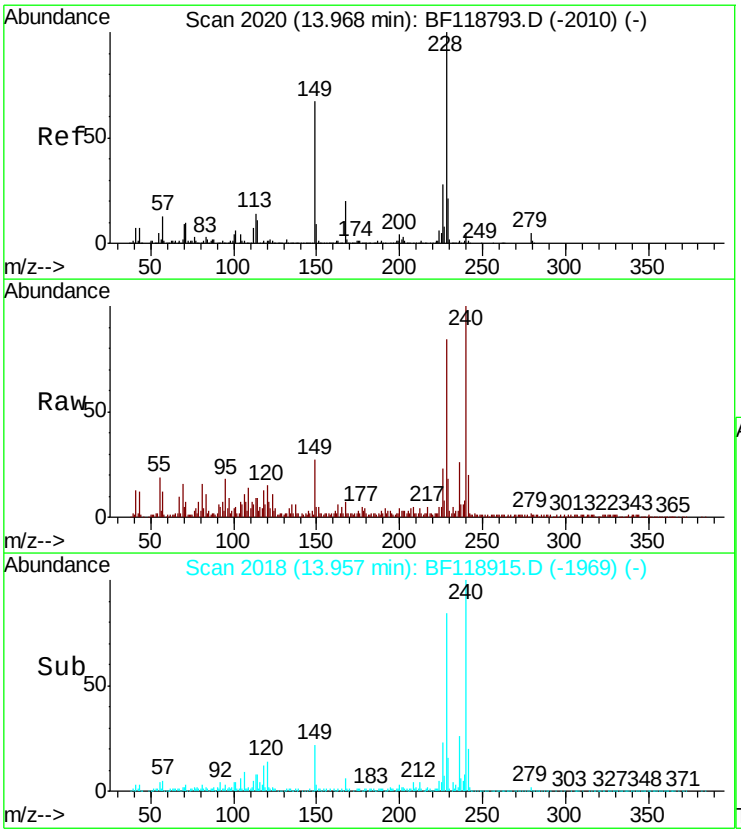
#79
Terphenyl-d14
Concen: 46.578 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.02 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1336469

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	10.0	8.9	13.3

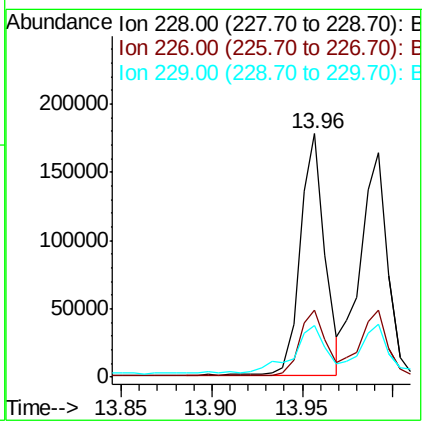


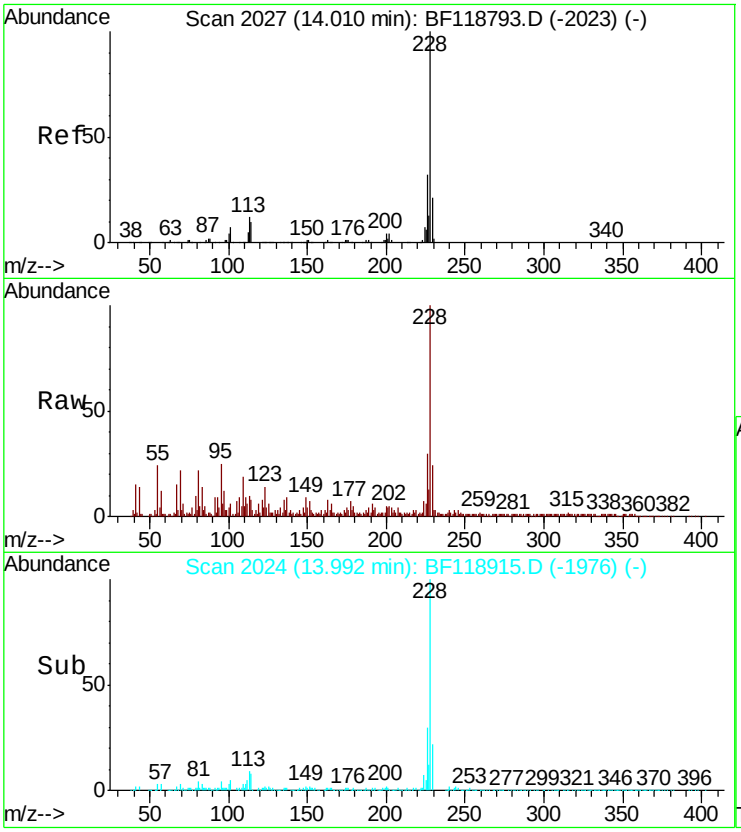


#81
Benzo(a)anthracene
Concen: 4.816 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion:228 Resp: 168901

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	21.3	16.6	25.0



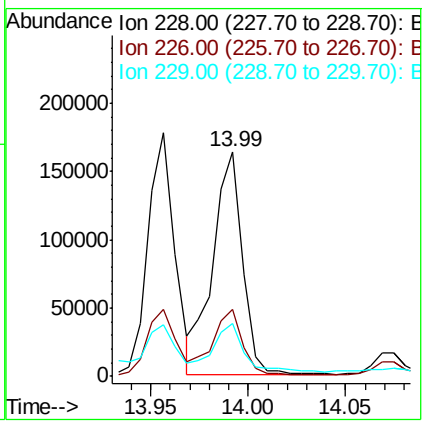


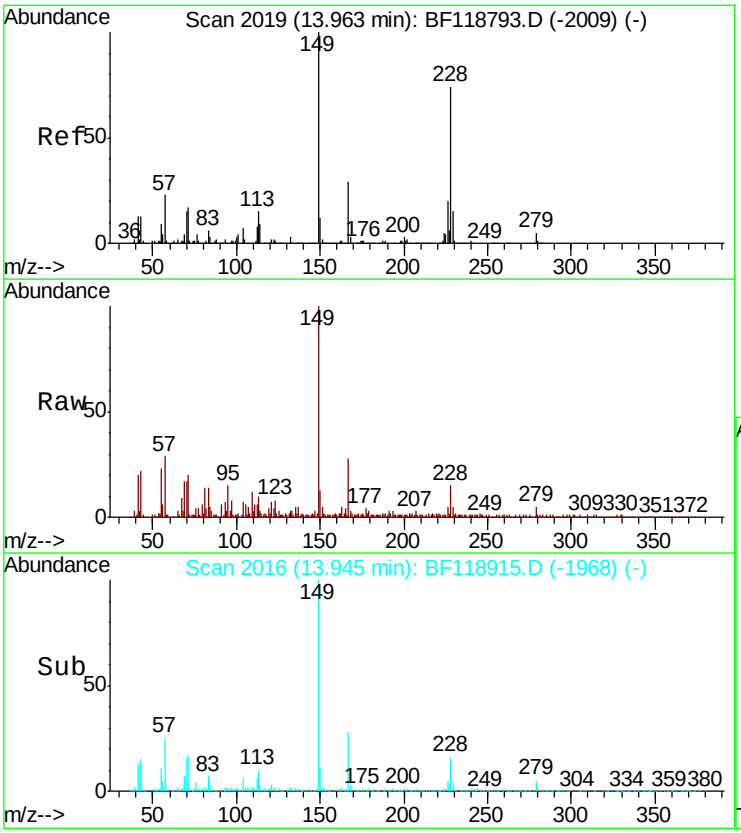
#83
Chrysene
Concen: 4.925 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 173360

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	23.6	16.9	25.3

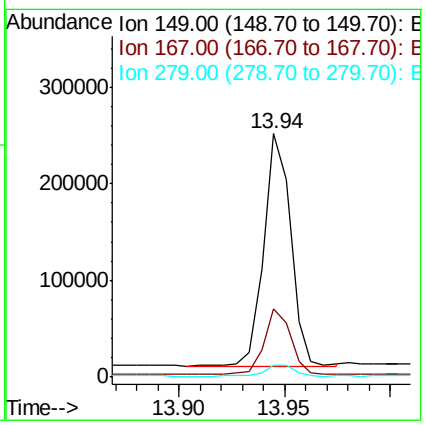


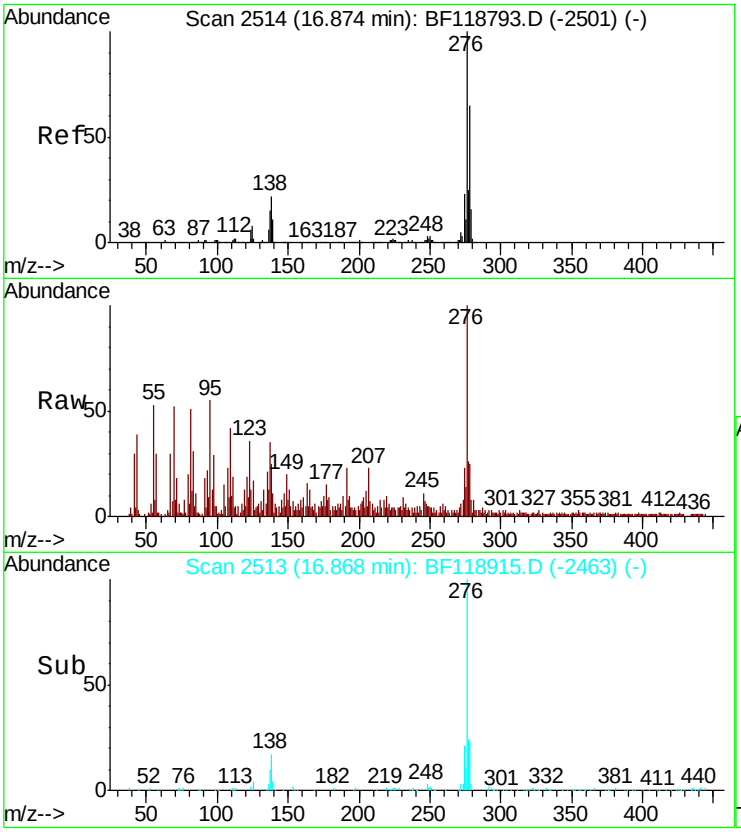


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.153 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion:149 Resp: 214300

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.0	34.6
279	4.9	4.4	6.6



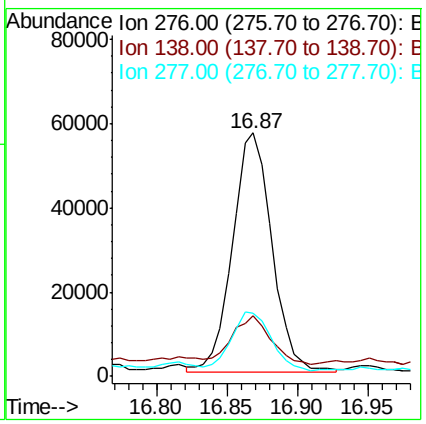


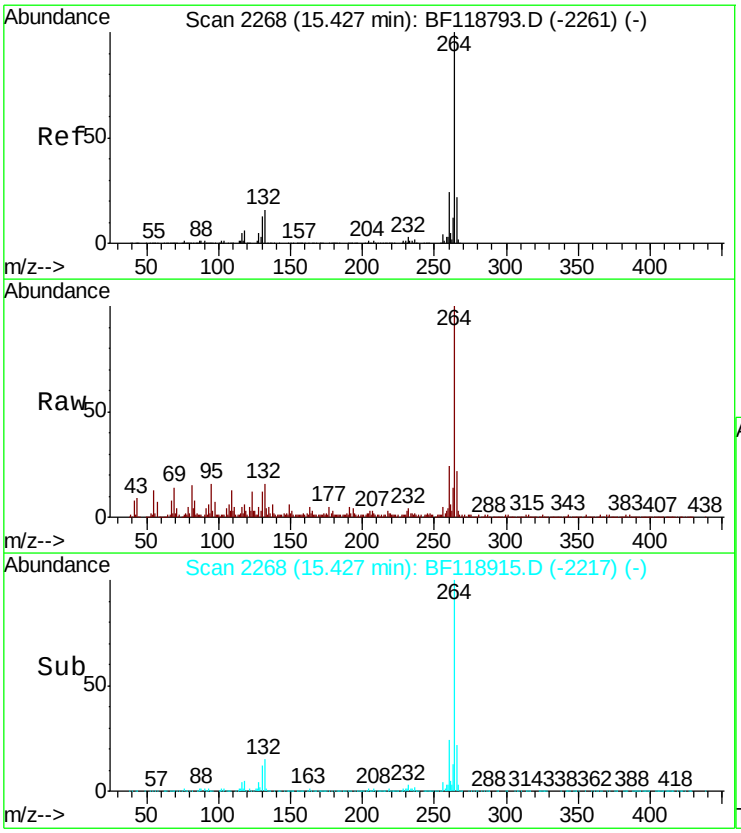
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.121 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 110388

Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.3	27.5
277	24.4	20.2	30.4

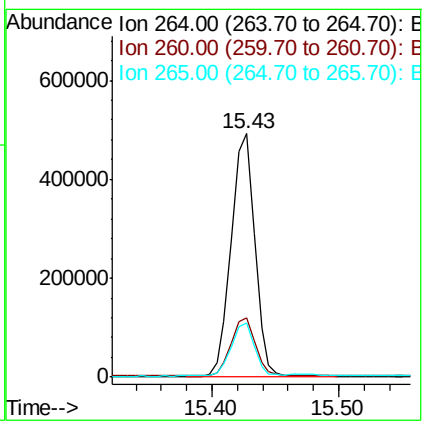


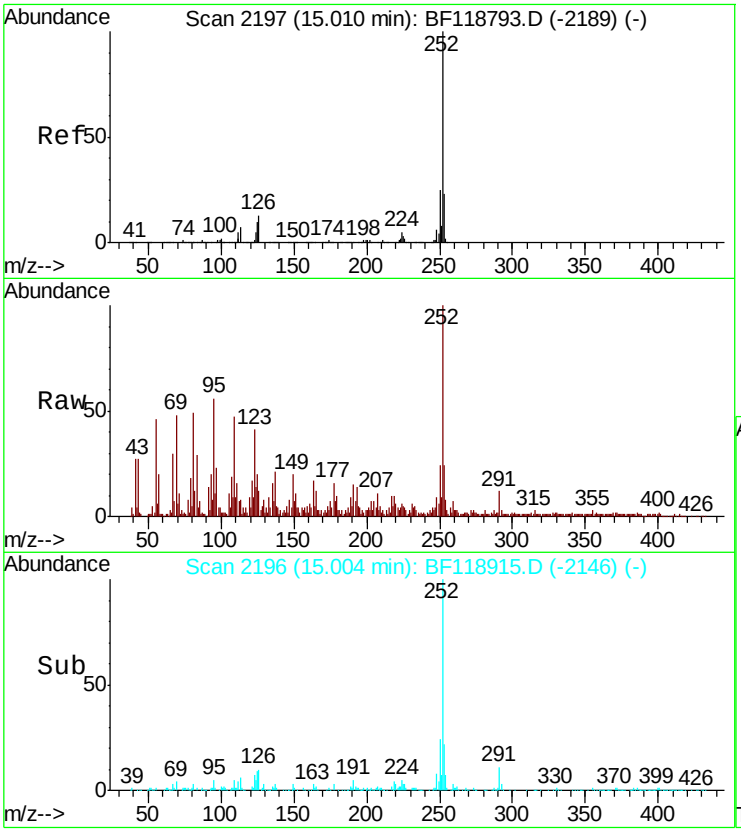


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion:264 Resp: 635993

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	22.0	17.2	25.8



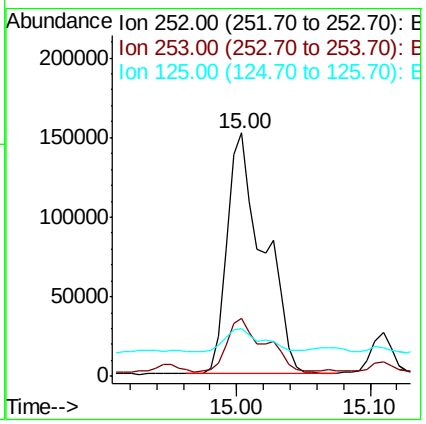


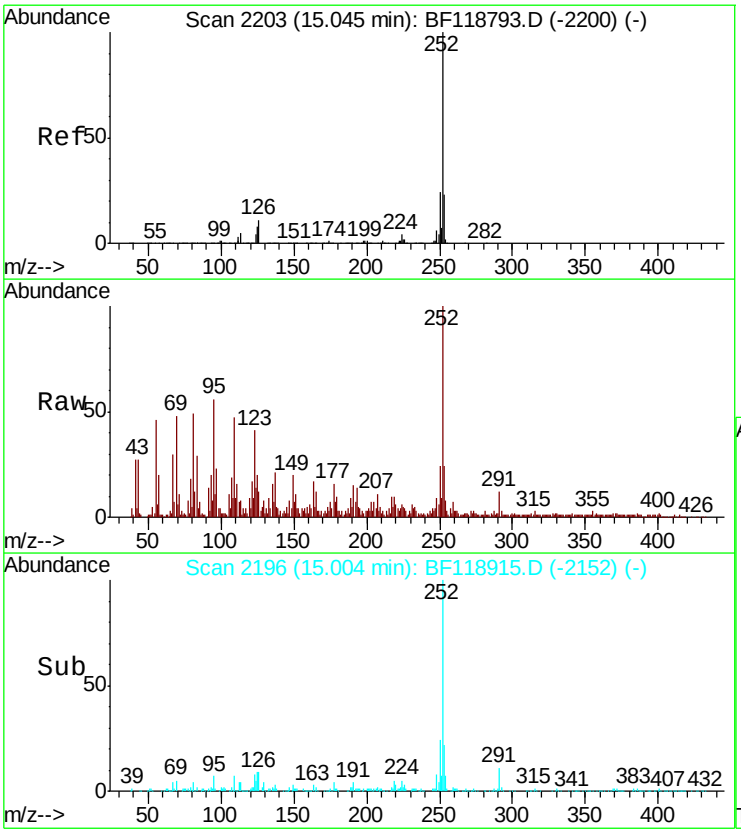
#88
Benzo(b)fluoranthene
Concen: 7.316 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 288739

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	19.7	8.1	12.1#

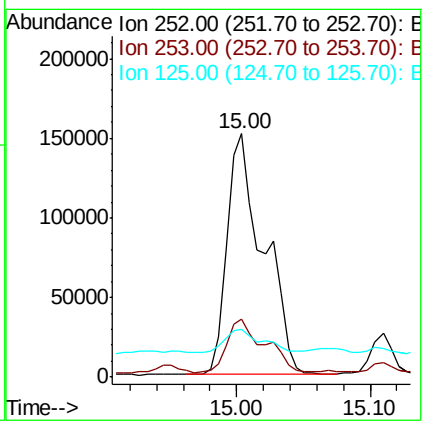


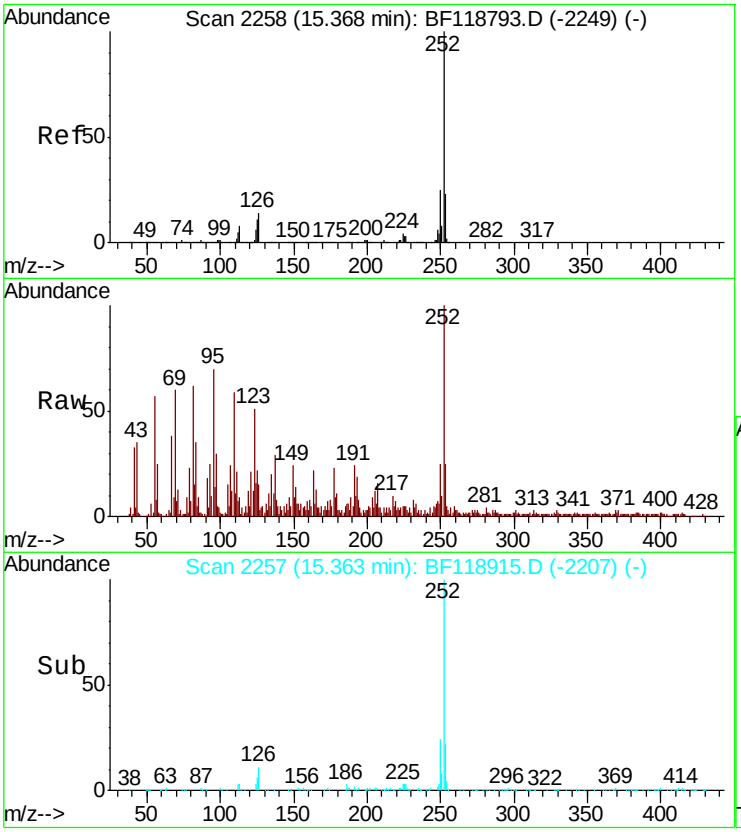


#89
Benzo(k)fluoranthene
Concen: 8.402 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion:252 Resp: 288739

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	19.7	7.0	10.6#



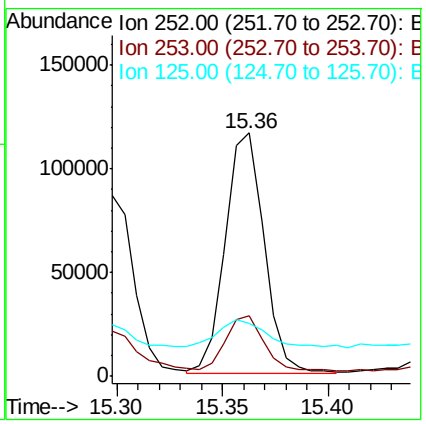


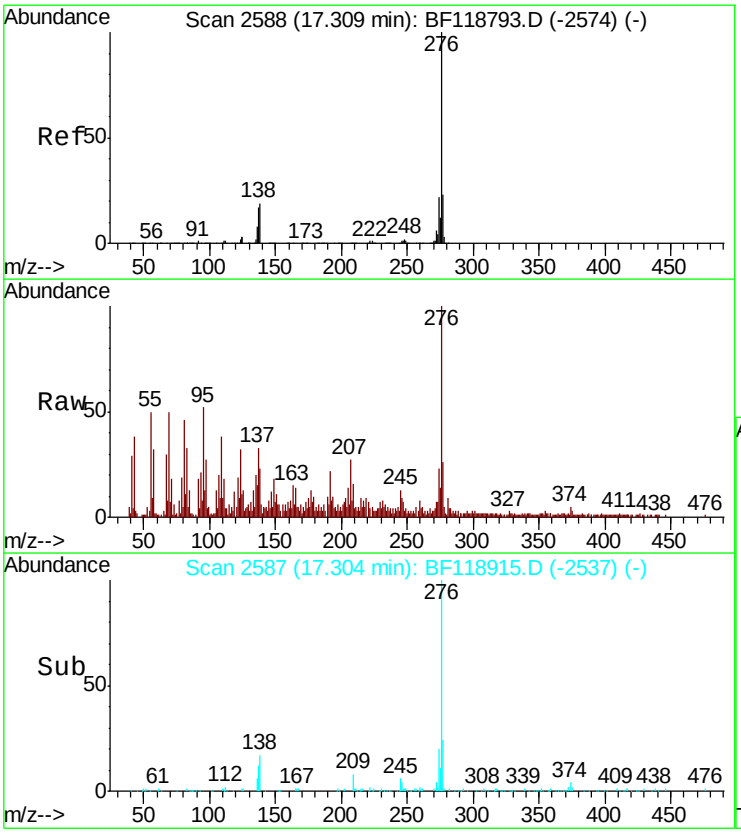
#90
Benzo(a)pyrene
Concen: 4.375 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 147745

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	21.8	8.7	13.1#





#92
Benzo(g,h,i)perylene
Concen: 3.539 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BF118915.D
Acq: 12 Feb 2020 15:10

Tgt Ion:276 Resp: 102042

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.7	28.1
138	23.3	15.4	23.2#