Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\
Data File : BF116893.D
Acq On : 9 Sep 2019 2:50
Operator : HP/JU
Sample : K4757-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 09 03:35:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	78058	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	327807	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	169188	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	266711	20.00	ng		-0.01
76) Chrysene-d12	13.99	240	156150	20.00	ng		0.00
87) Perylene-d12	15.45	264	174133	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	219742	45.61	ng		0.00
7) Phenol-d6	6.47	99	315523	49.87	ng		0.00
23) Nitrobenzene-d5	7.40	82	187279	32.61	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	67128	59.35	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	347161	34.61	ng		-0.02
79) Terphenyl-d14	12.93	244	289922	34.35	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	25459	6.111	ng	#	71
25) Isophorone	7.40	82	187278	16.095	ng	#	66
50) Dimethylphthalate	9.59	163	43195	3.698	ng		98
51) 2,6-Dinitrotoluene	9.87	165	21275	9.546	ng	#	21
57) 2,4-Dinitrotoluene	9.87	165	21276	7.808	ng	#	21
71) Phenanthrene	11.38	178	58426	3.935	ng		100
75) Fluoranthene	12.57	202	129134	8.850	ng		99
78) Pyrene	12.80	202	131872	9.500	ng		98
81) Benzo(a)anthracene	13.98	228	59991	6.070	ng		96
83) Chrysene	14.02	228	53507	5.255	ng		96
86) Indeno(1,2,3-cd)pyrene	16.90	276	30683	3.752	ng		93
88) Benzo(b)fluoranthene	15.02	252	91689	8.709	ng	#	93
89) Benzo(k)fluoranthene	15.02	252	91689	9.552	ng	#	93
90) Benzo(a)pyrene	15.39	252	52424	5.724	ng		99
92) Benzo(g,h,i)perylene	17.33	276	28441	3.478	ng		97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
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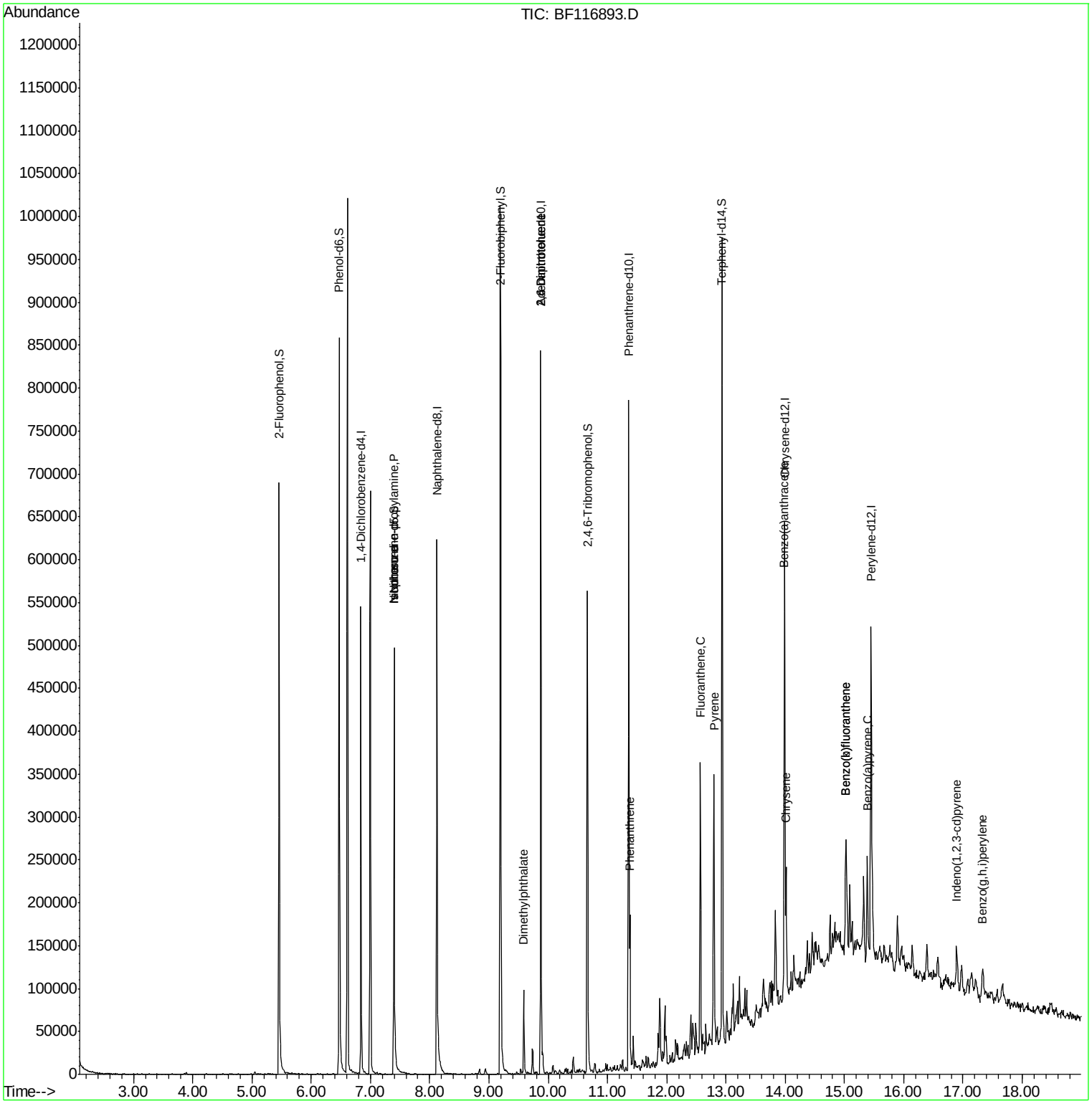
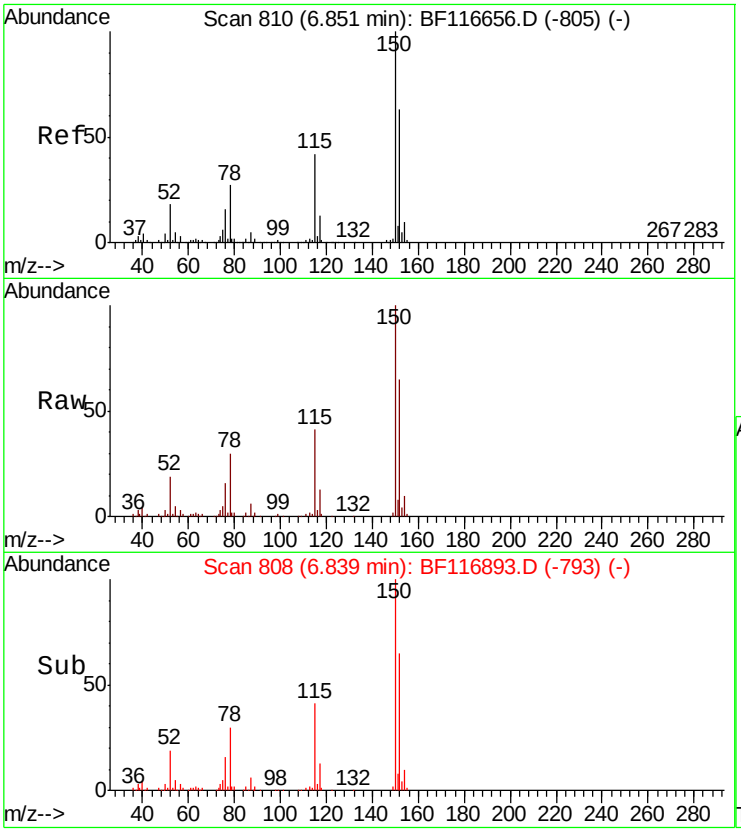


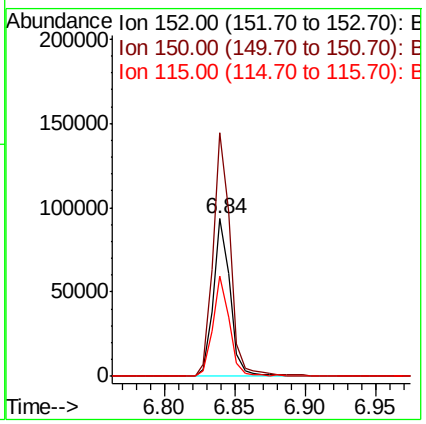


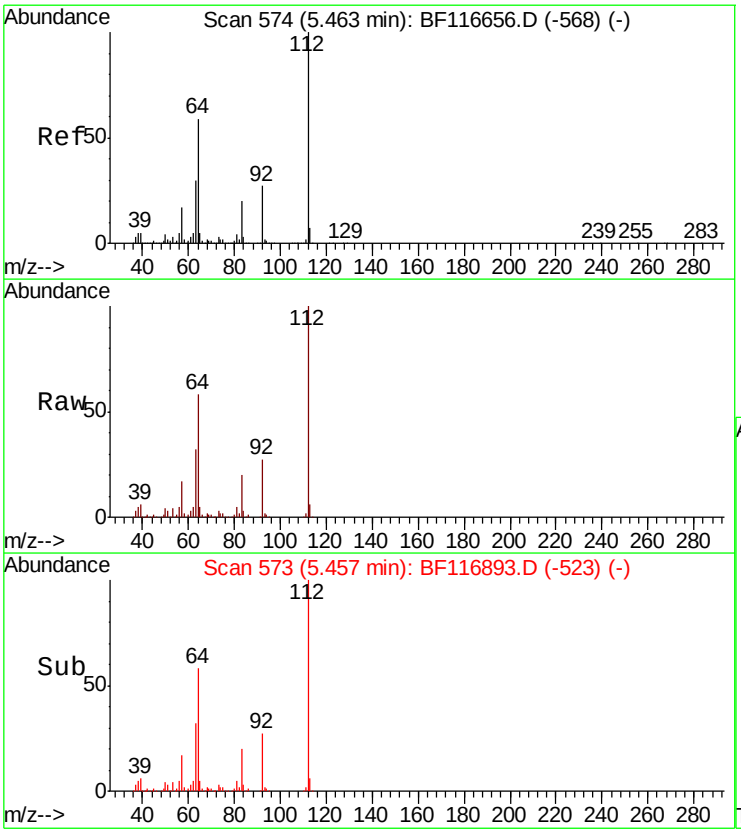
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78058

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.4	186.6
115	63.9	49.9	74.9

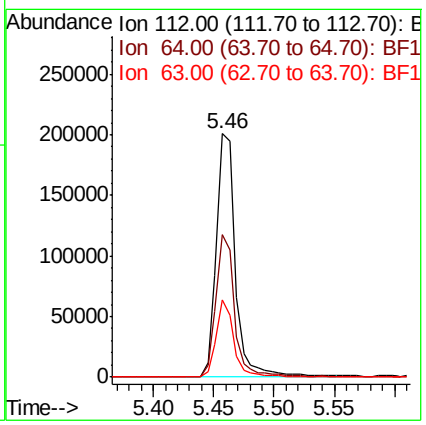


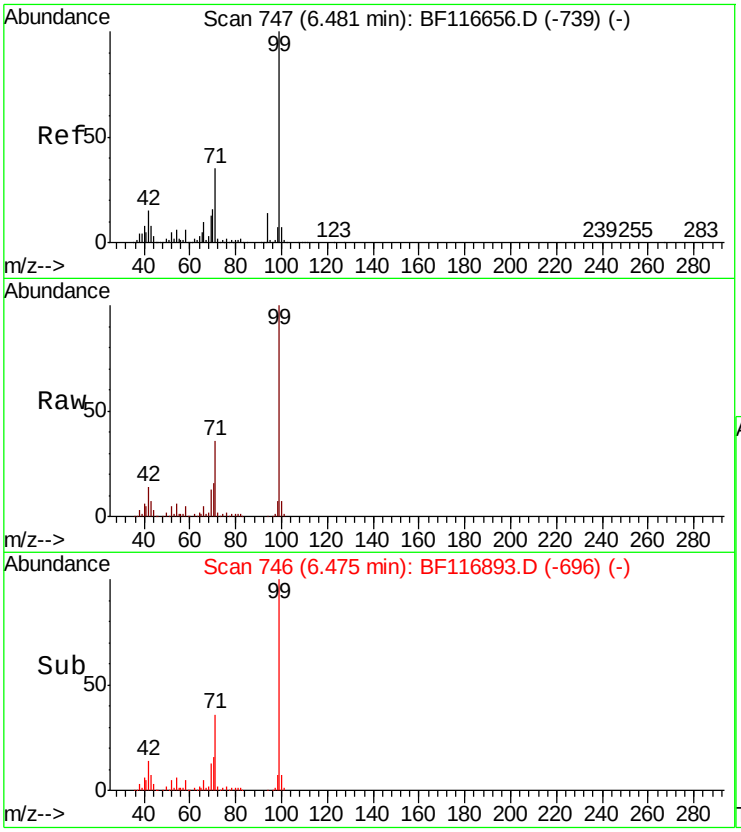


#5
2-Fluorophenol
Concen: 45.606 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion:112 Resp: 219742

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.1	70.7
63	31.6	24.9	37.3



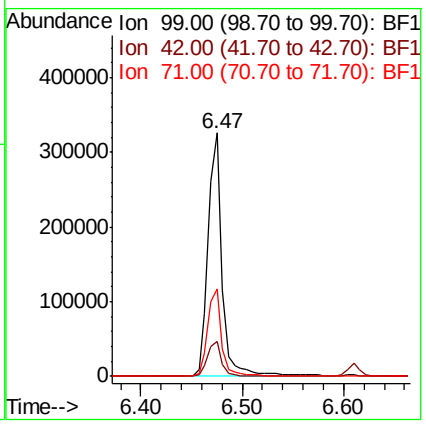


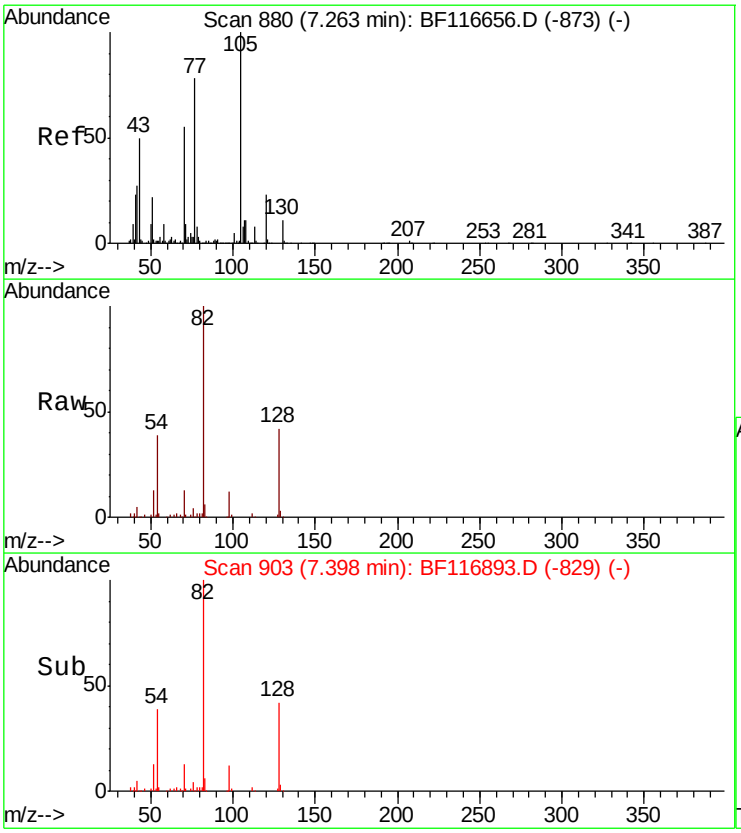
#7
Phenol-d6
Concen: 49.870 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 315523

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.7	20.5
71	36.2	30.8	46.2

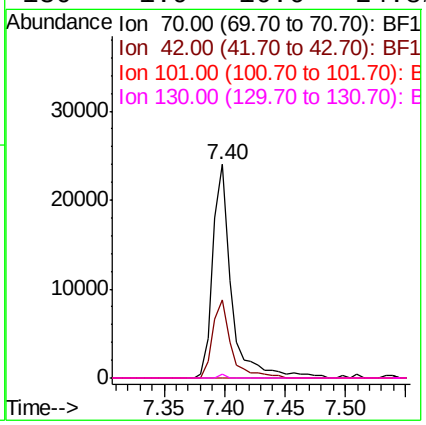


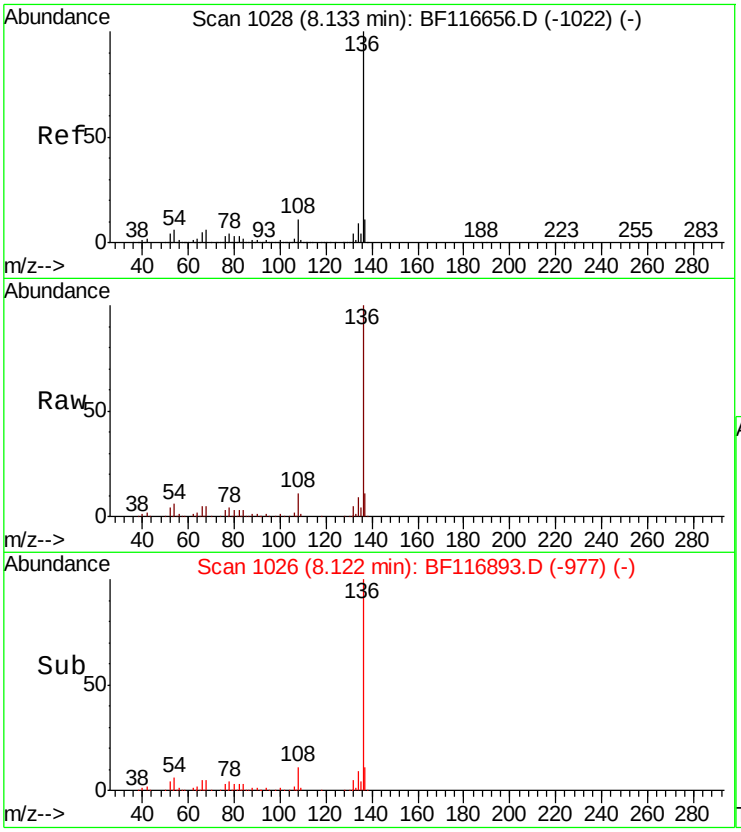


#19
n-Nitroso-di-n-propylamine
Concen: 6.111 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion: 70 Resp: 25459

Ion	Ratio	Lower	Upper
70	100		
42	36.6	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#



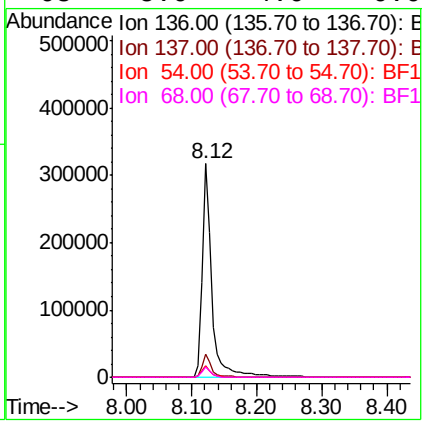


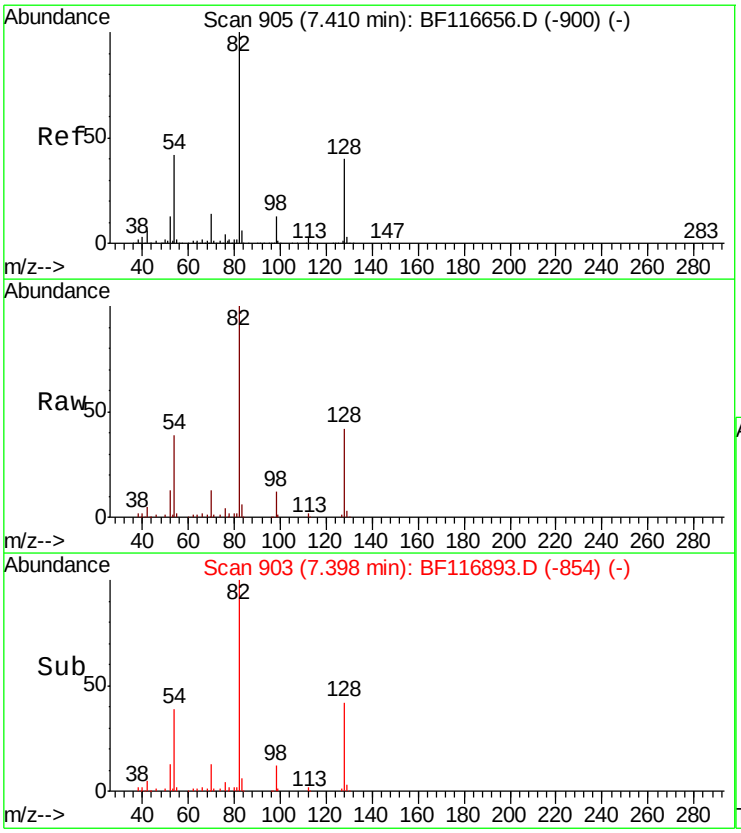
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 327807

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.7	4.8	7.2
68	5.0	4.0	6.0

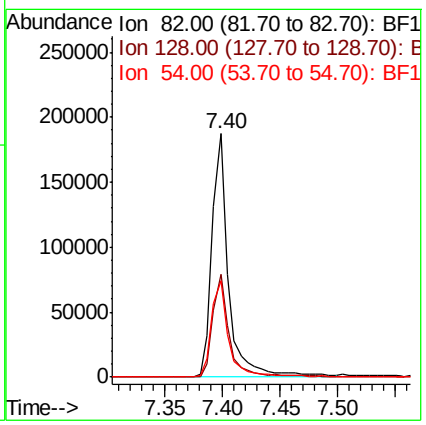


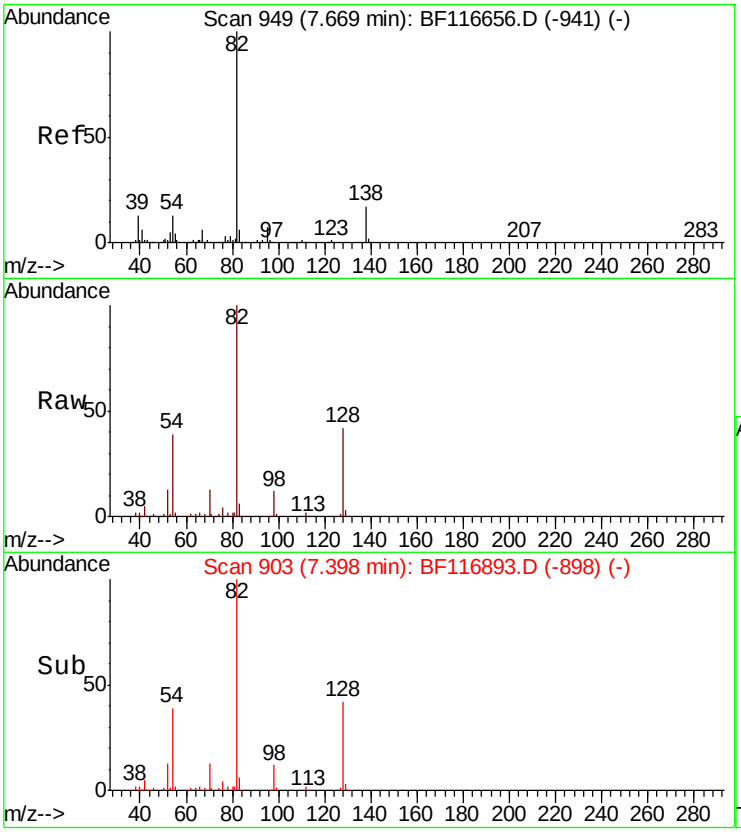


#23
Nitrobenzene-d5
Concen: 32.615 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion: 82 Resp: 187279

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.8	49.2
54	39.4	36.9	55.3



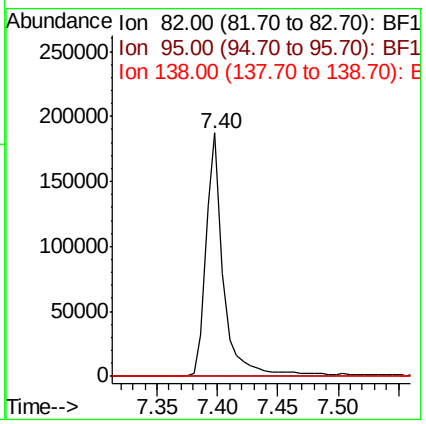


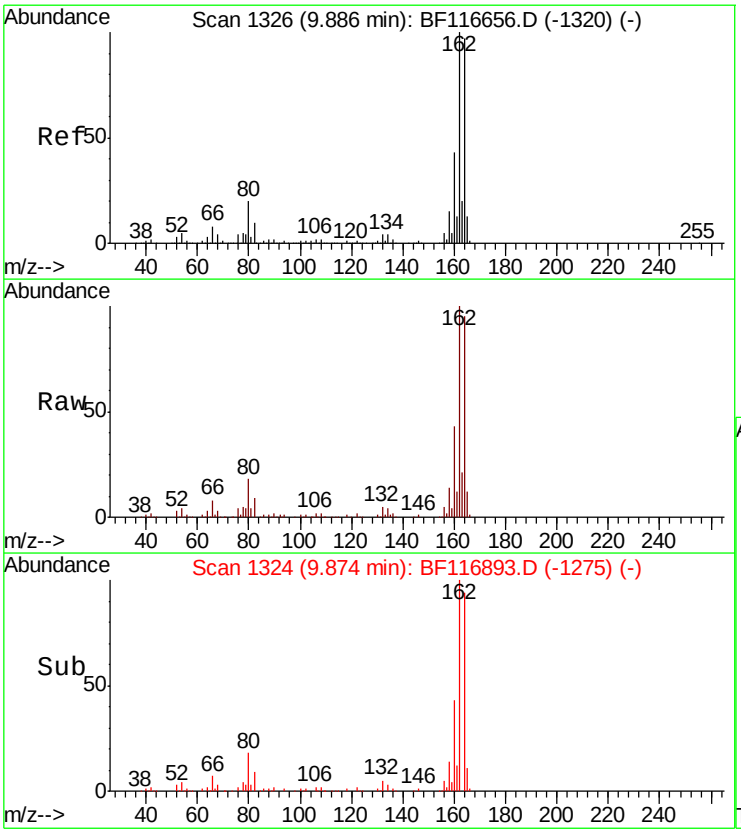
#25
Isophorone
Concen: 16.095 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 187278

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

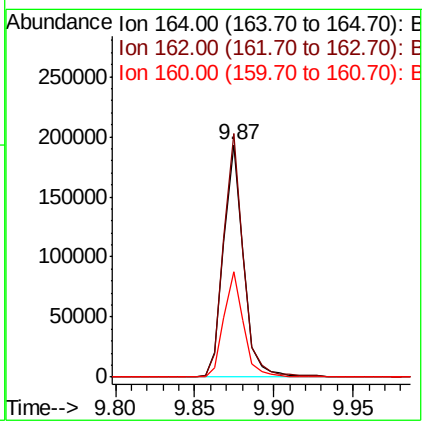


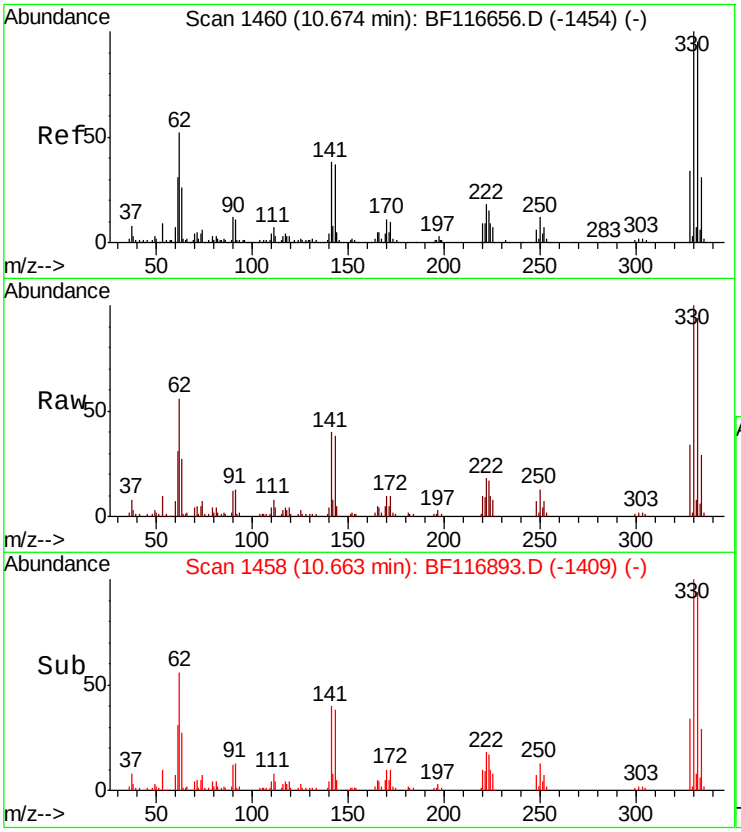


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion:164 Resp: 169188

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.4	122.0
160	45.3	35.4	53.2



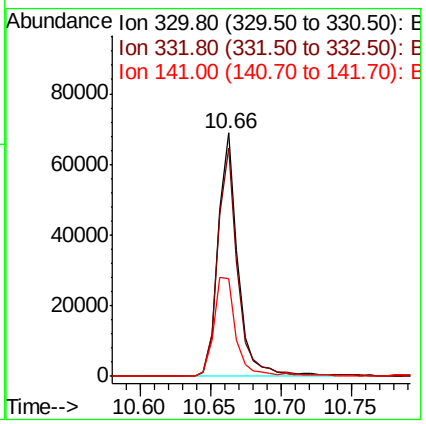


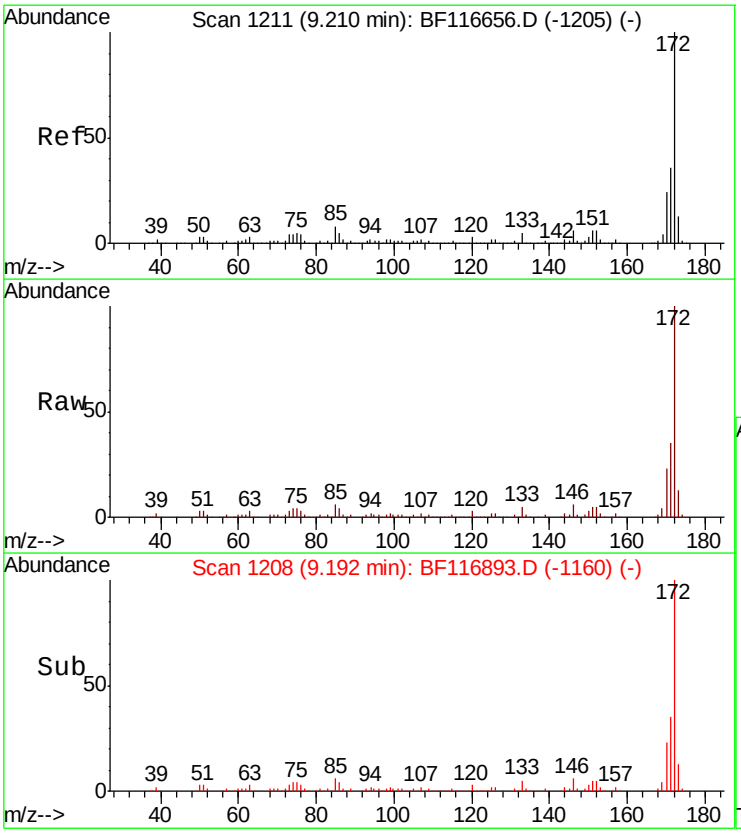
#42
2,4,6-Tribromophenol
Concen: 59.350 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 67128

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	45.8	31.4	47.2

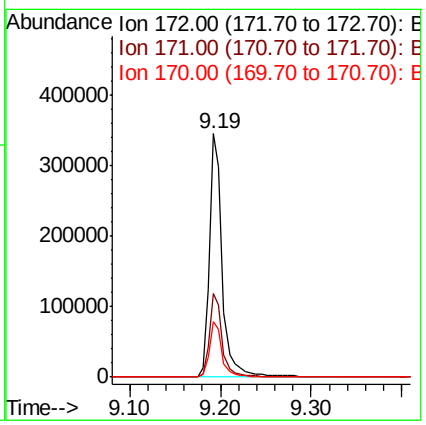


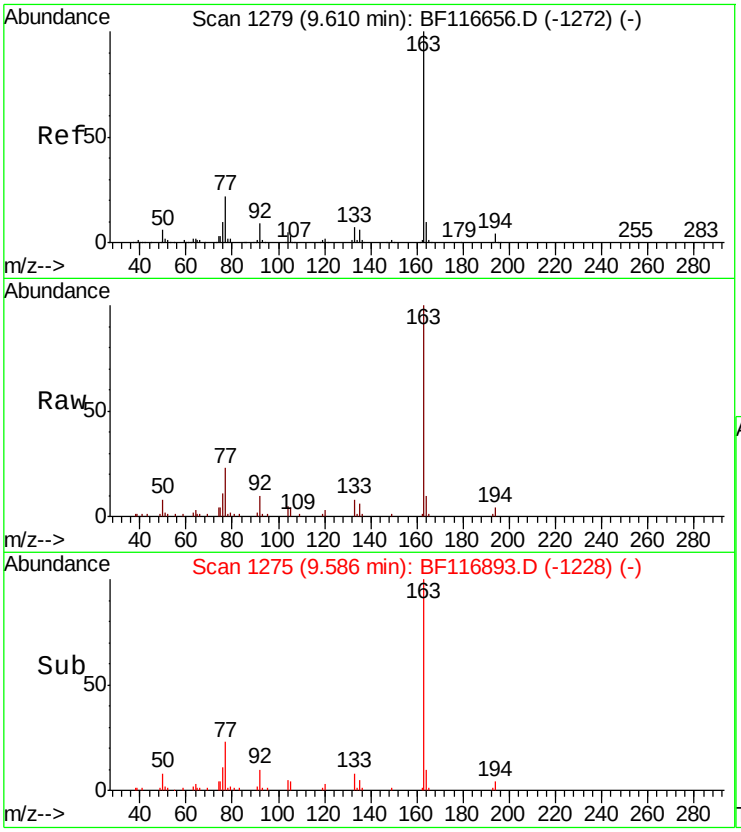


#45
2-Fluorobiphenyl
Concen: 34.614 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion:172 Resp: 347161

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	22.7	18.9	28.3



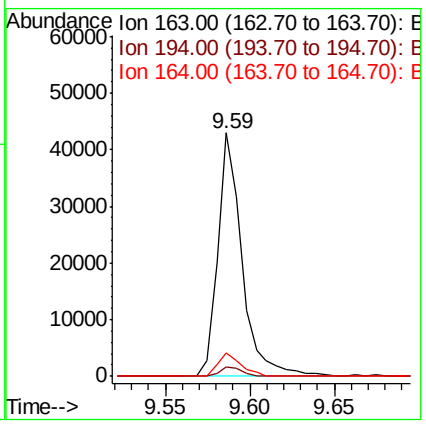


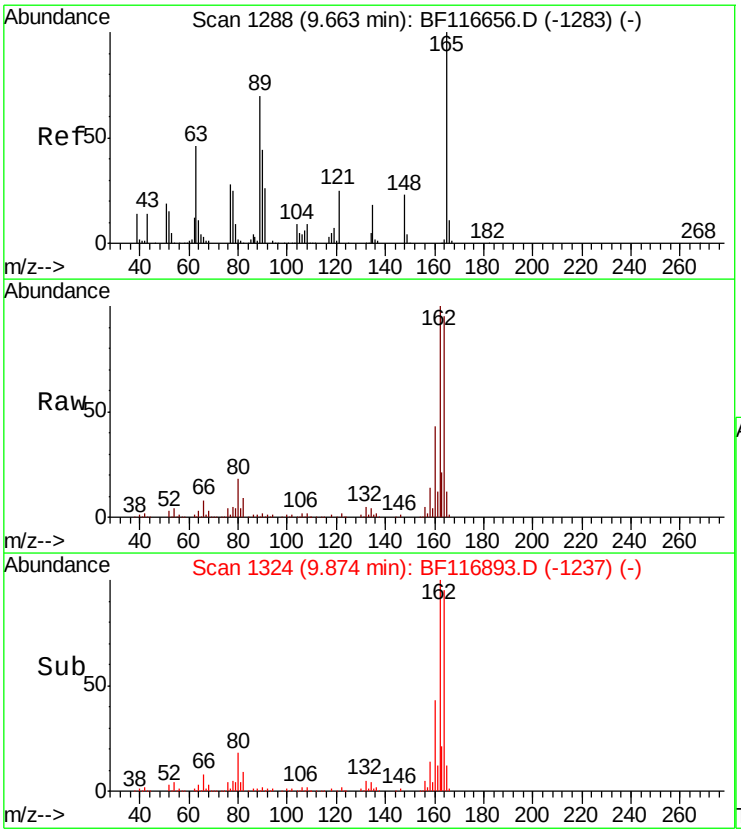
#50
Dimethylphthalate
Concen: 3.698 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 43195

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.8	8.6	12.8

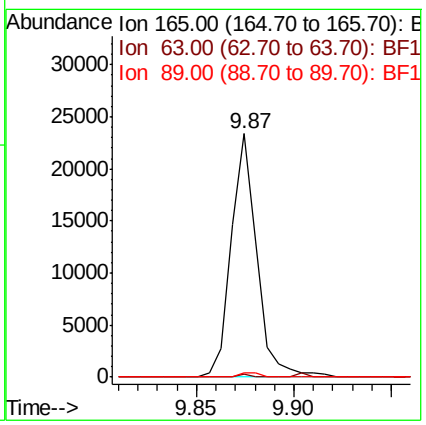


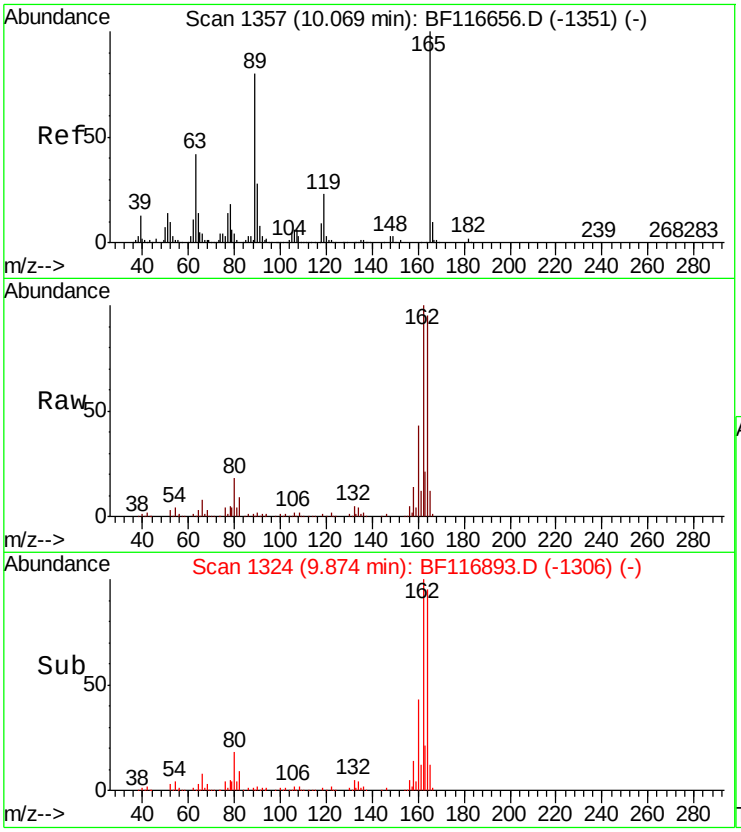


#51
2,6-Dinitrotoluene
Concen: 9.546 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion:165 Resp: 21275

Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.3	70.9#
89	1.7	52.5	78.7#



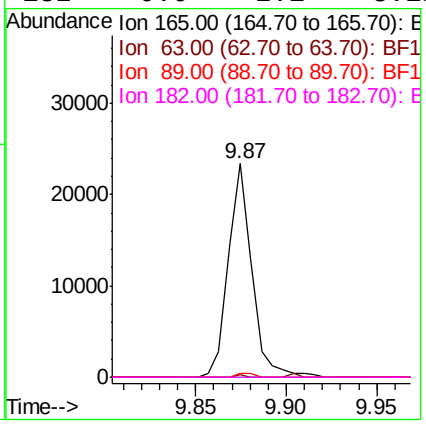


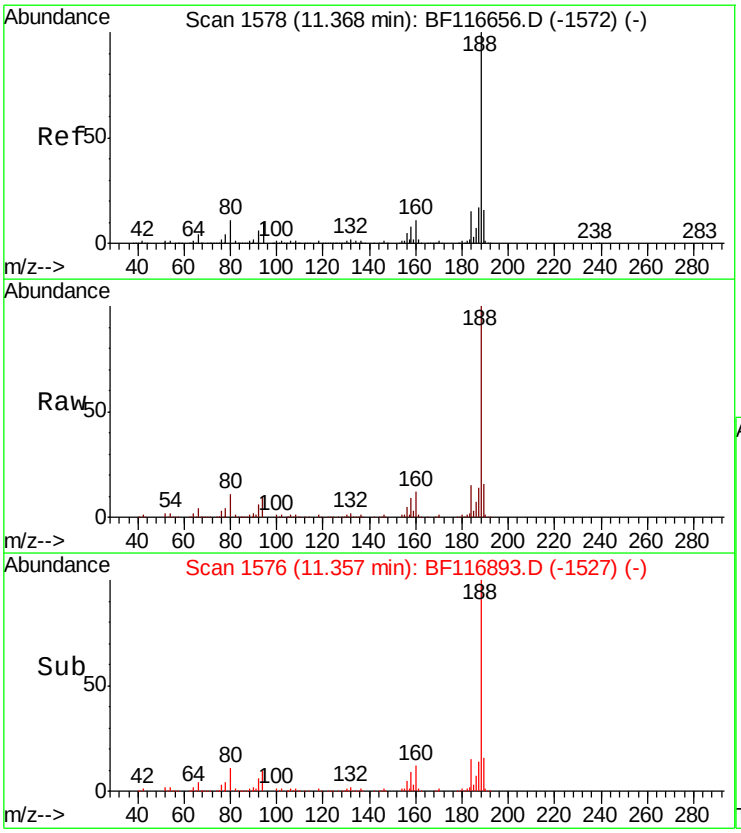
#57
2,4-Dinitrotoluene
Concen: 7.808 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21276

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.7	62.6	94.0#
182	0.0	2.1	3.1#

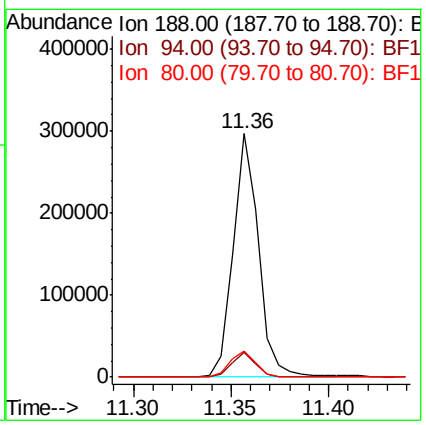


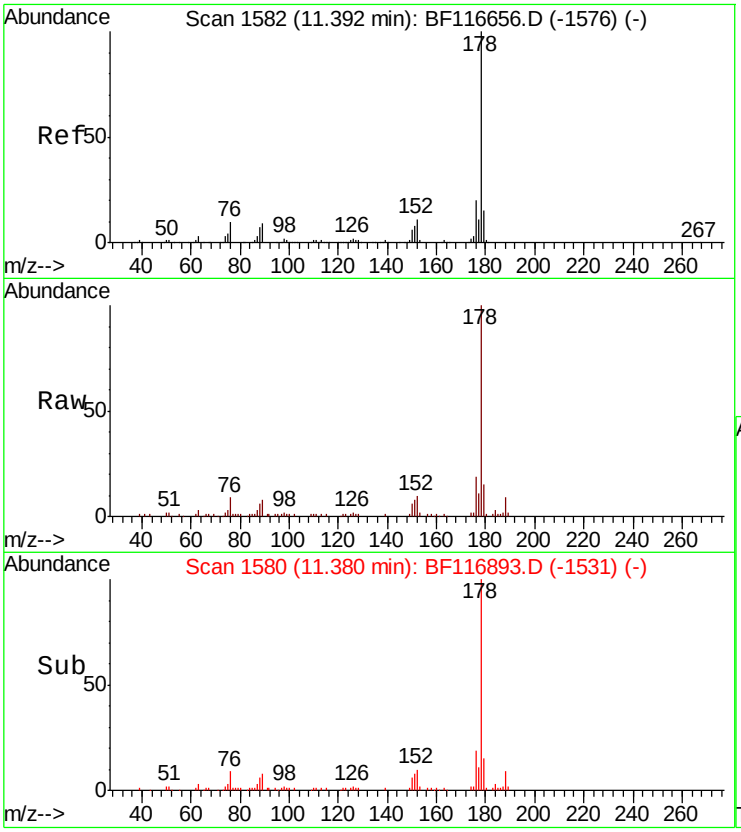


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion:188 Resp: 266711

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.3	10.9
80	10.8	8.4	12.6



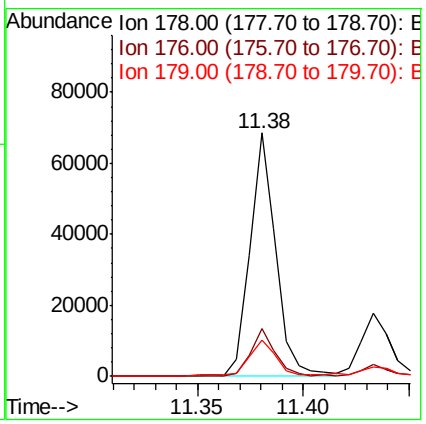


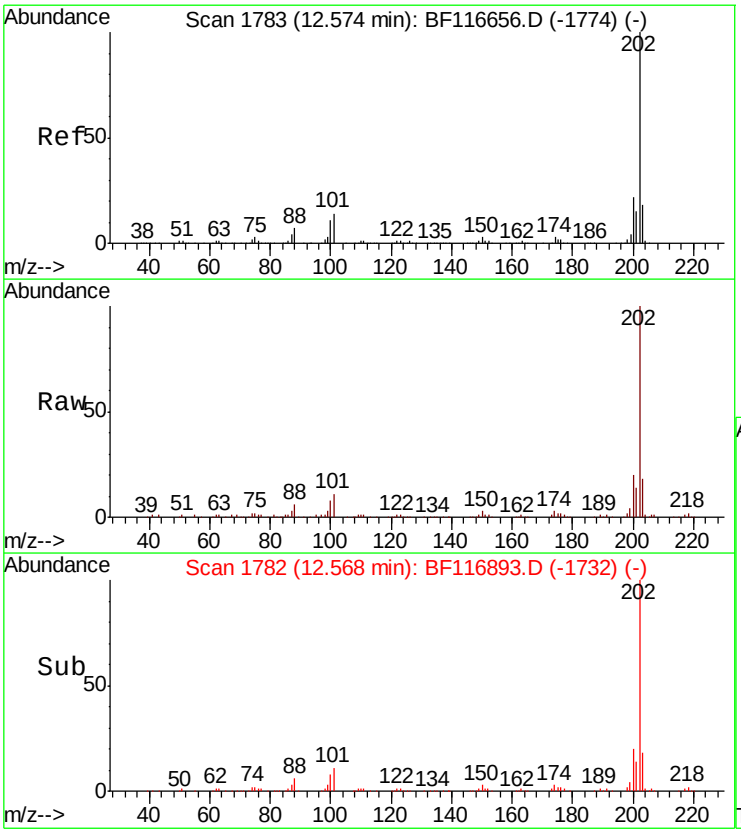
#71
Phenanthrene
Concen: 3.935 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 58426

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.0	12.2	18.2

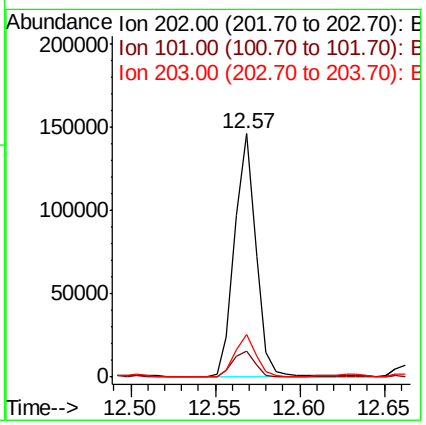


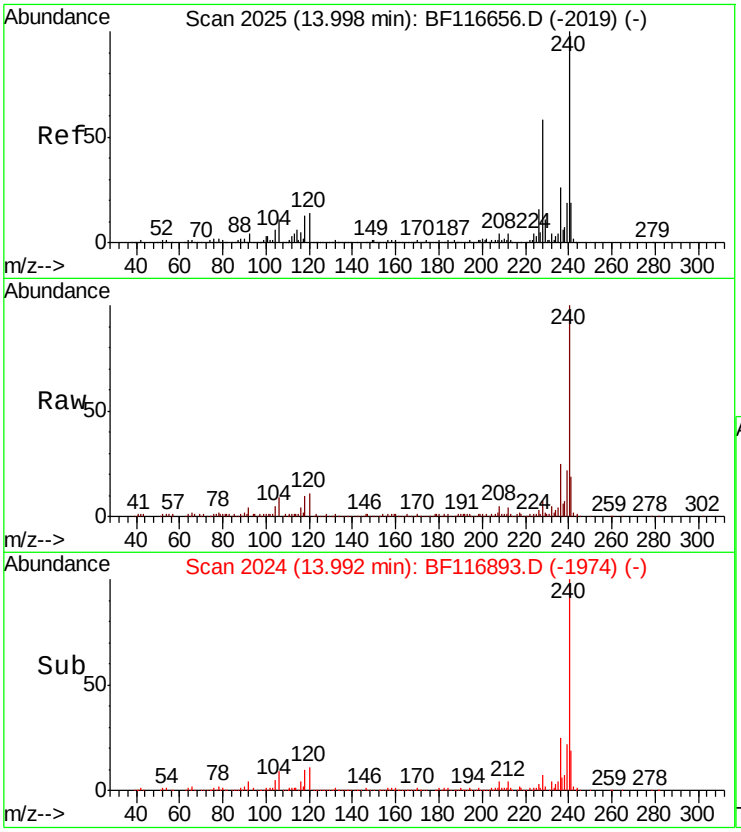


#75
Fluoranthene
Concen: 8.850 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion:202 Resp: 129134

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.3
203	17.6	0.0	37.6



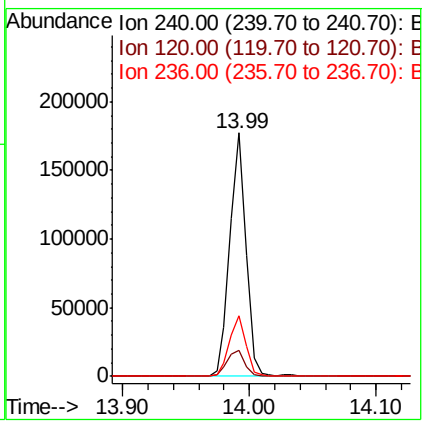


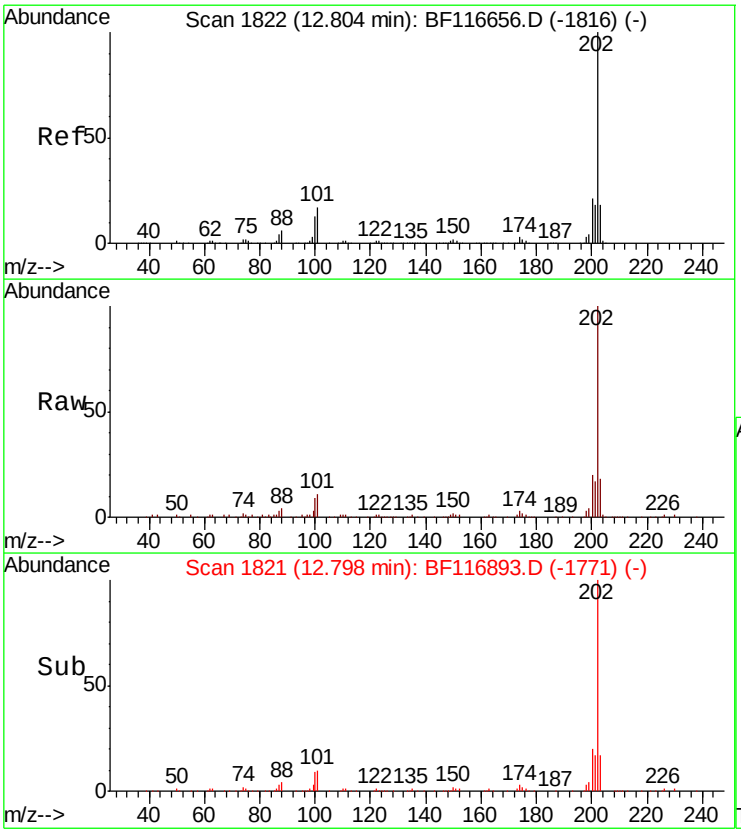
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 156150

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.1	13.7
236	24.8	21.1	31.7

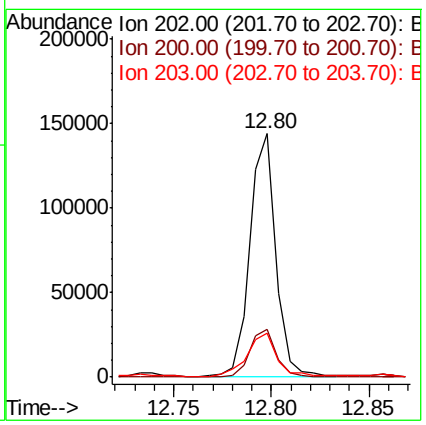


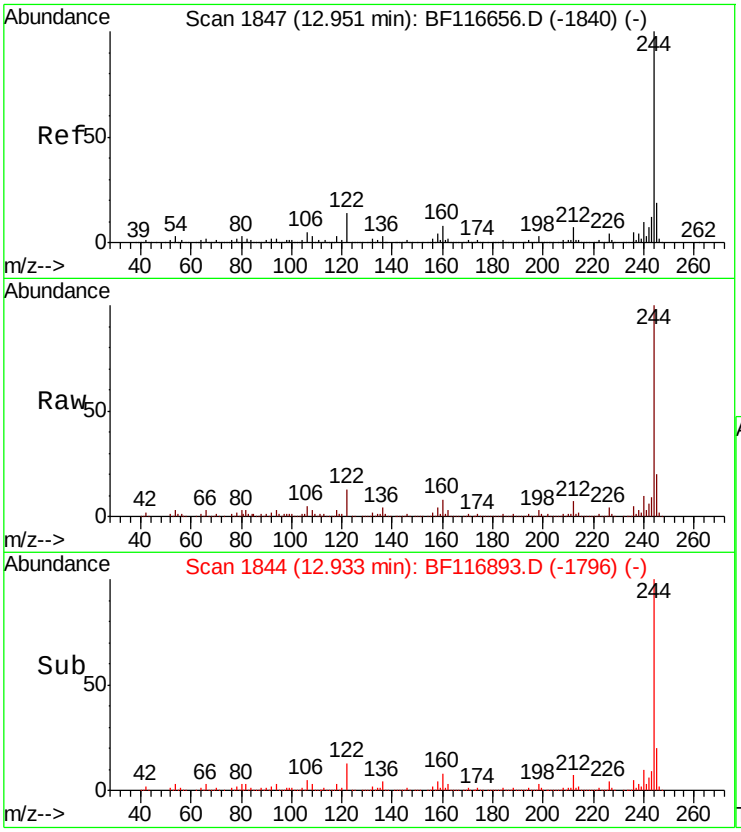


#78
Pyrene
Concen: 9.500 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion:202 Resp: 131872

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.5	24.7
203	18.1	13.7	20.5



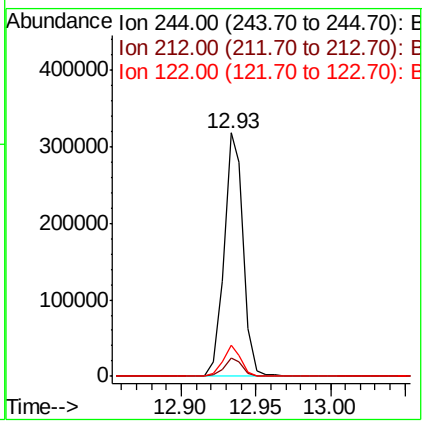


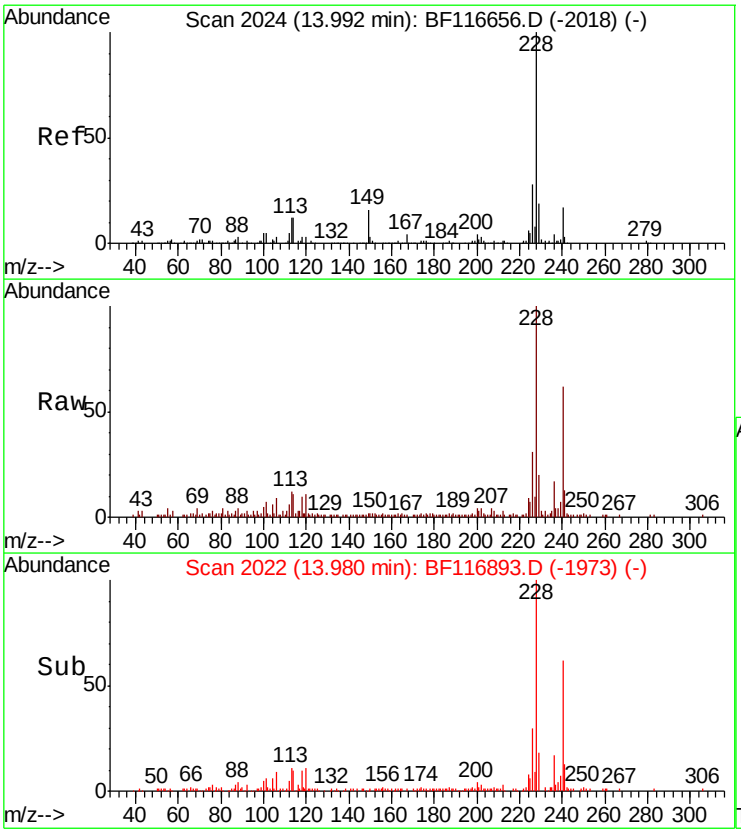
#79
Terphenyl-d14
Concen: 34.348 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 289922

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.6	10.2	15.4

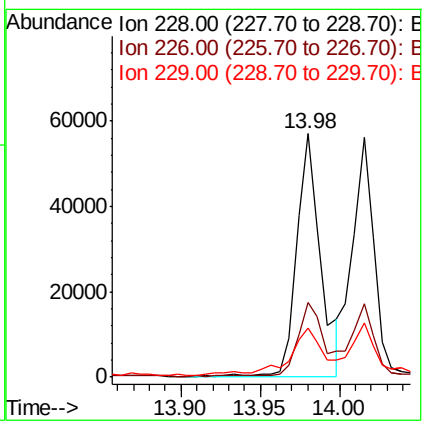


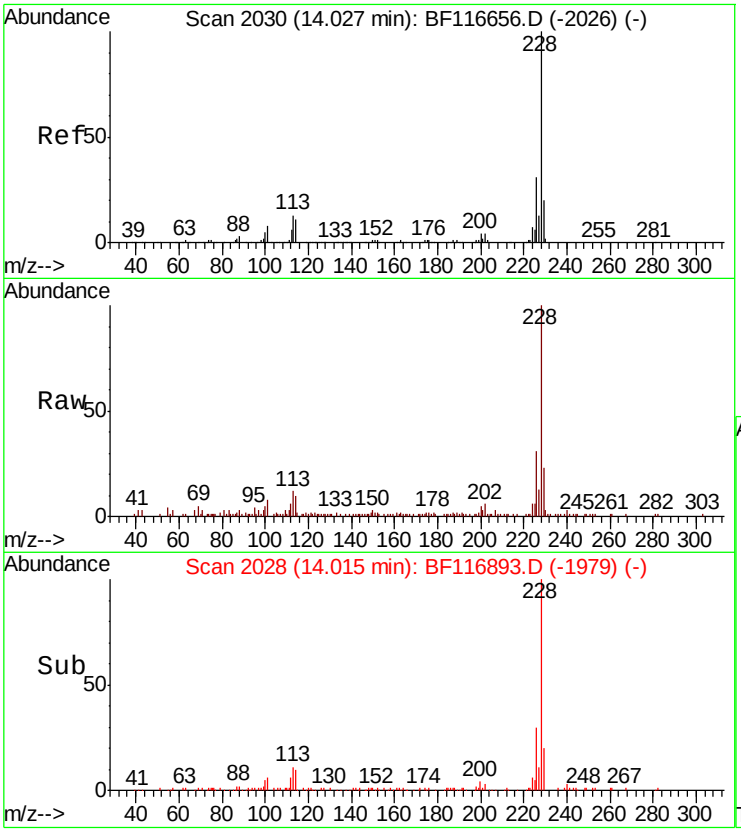


#81
Benzo(a)anthracene
Concen: 6.070 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion:228 Resp: 59991

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.0	33.0
229	20.3	16.4	24.6



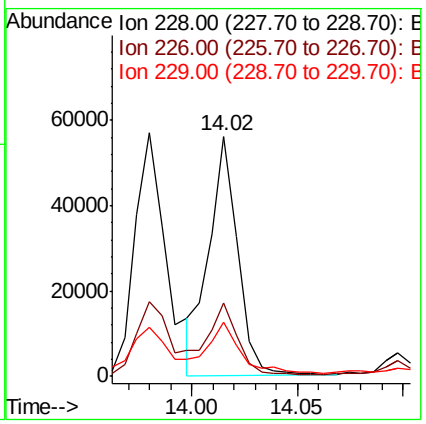


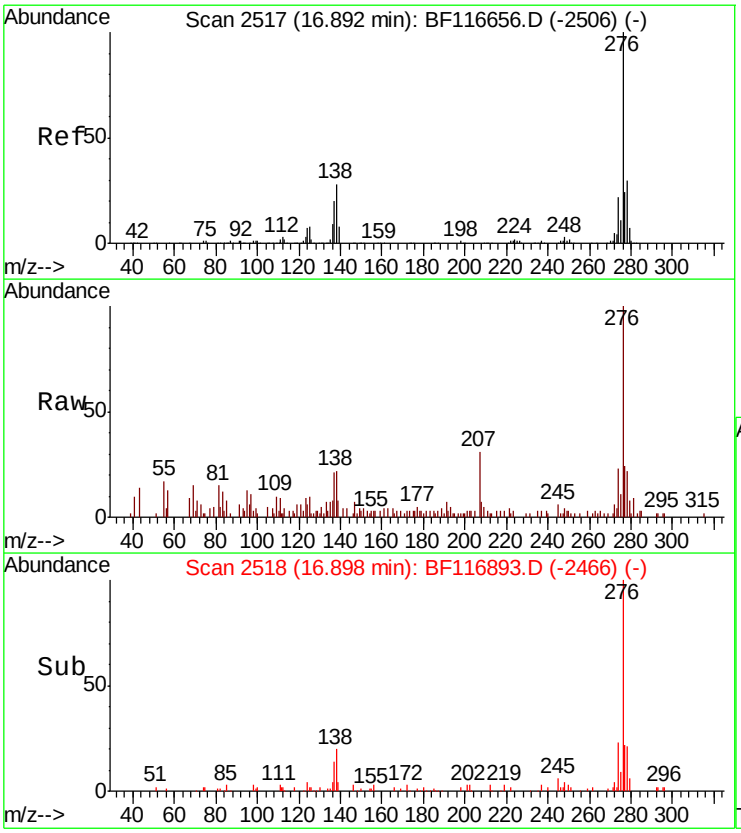
#83
Chrysene
Concen: 5.255 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 53507

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	22.8	15.4	23.0

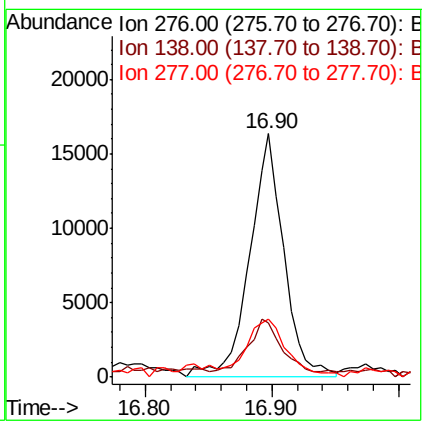


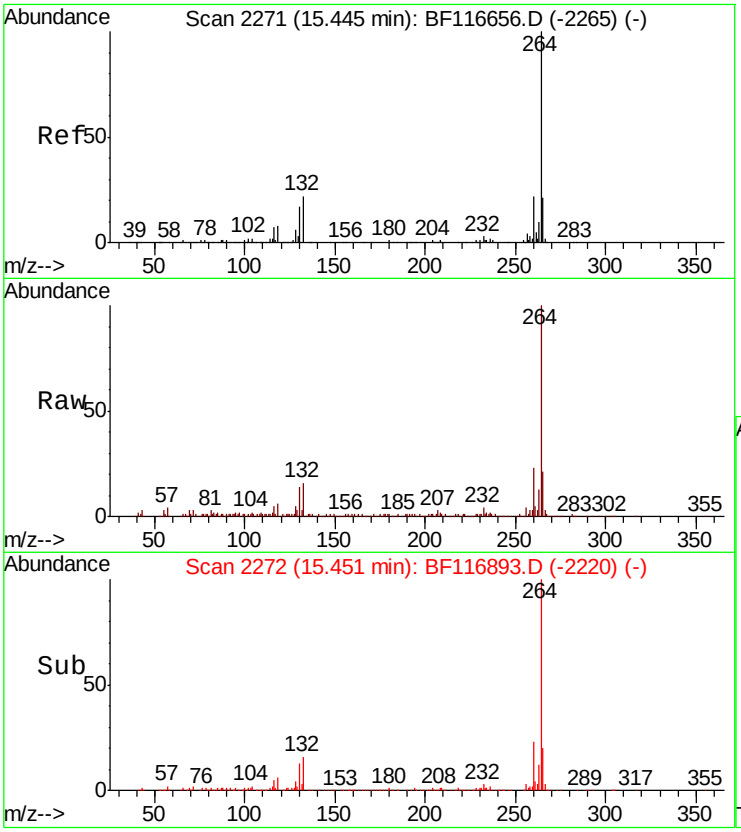


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.752 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion:276 Resp: 30683

Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.4	29.2
277	28.8	20.5	30.7



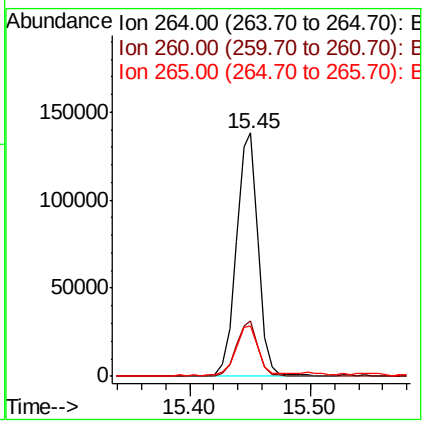


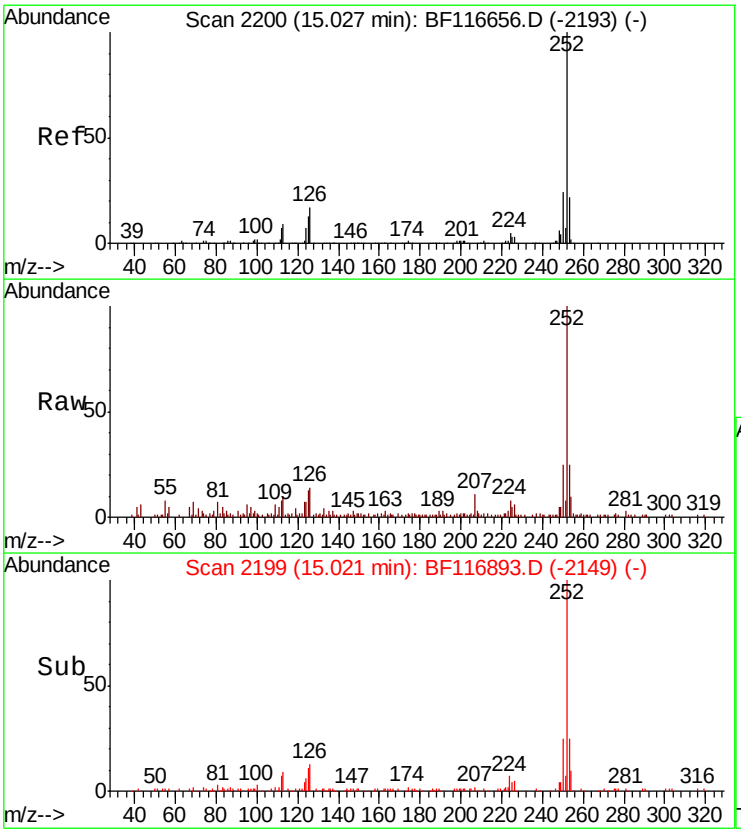
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 174133

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.6	16.5	24.7

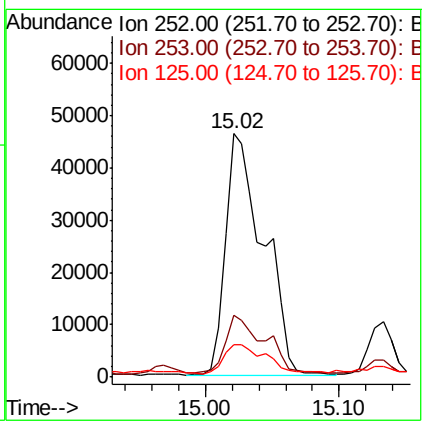


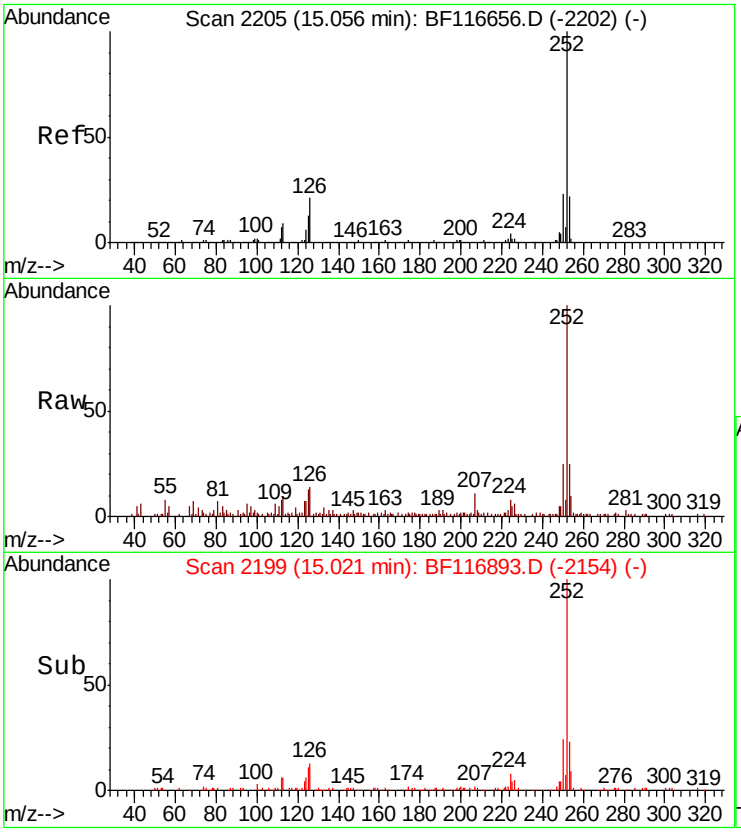


#88
Benzo(b)fluoranthene
Concen: 8.709 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion:252 Resp: 91689

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.7	26.5
125	13.4	8.2	12.2#



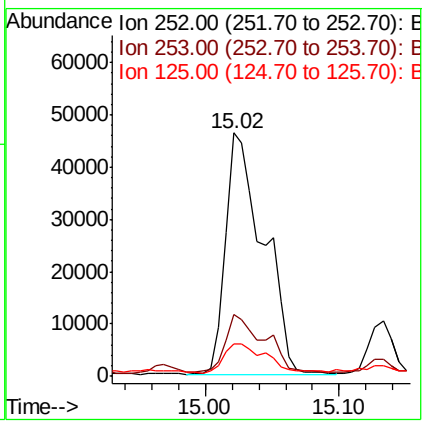


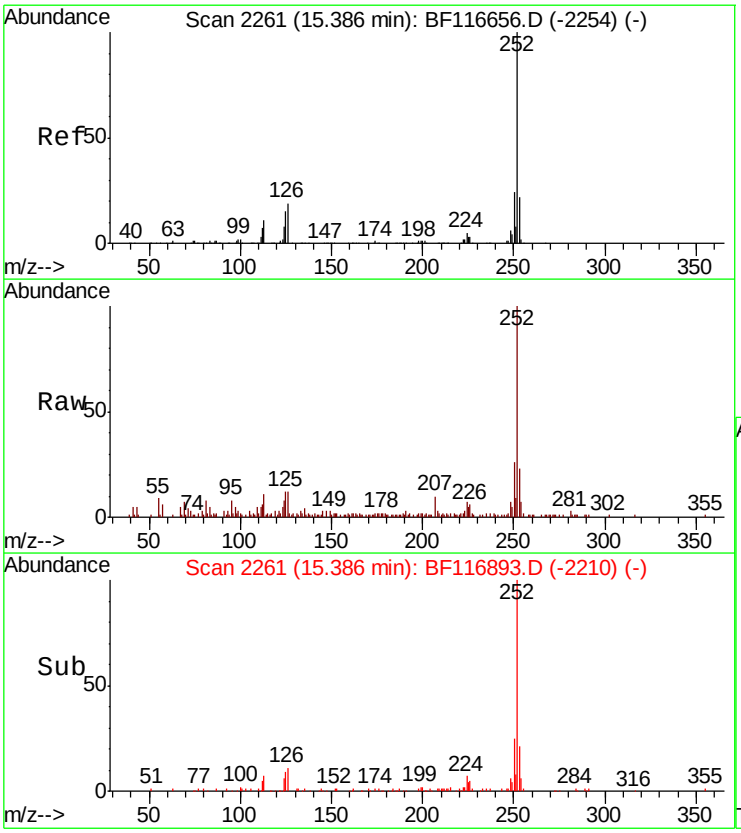
#89
Benzo(k)fluoranthene
Concen: 9.552 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 91689

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.7	26.5
125	13.4	8.6	13.0#

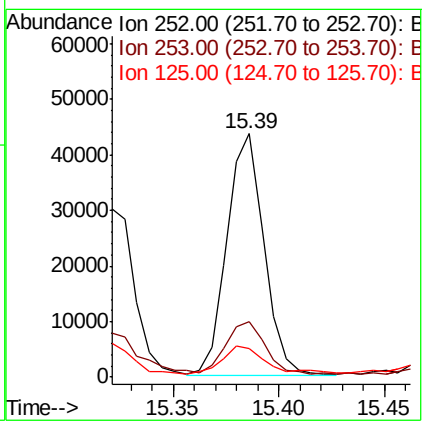


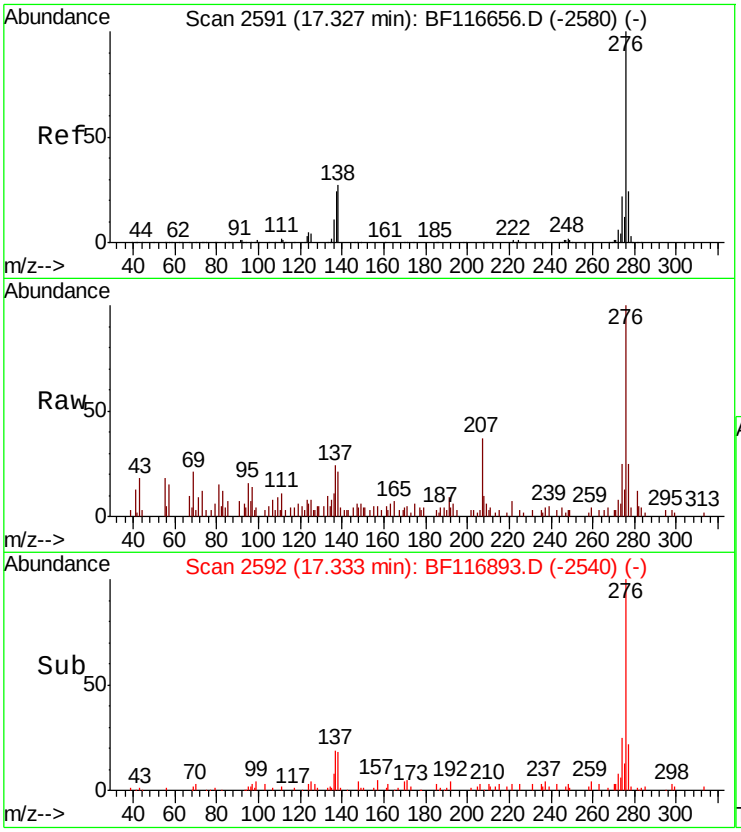


#90
Benzo(a)pyrene
Concen: 5.724 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Tgt Ion:252 Resp: 52424

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.5	9.8	14.8





#92
Benzo(g,h,i)perylene
Concen: 3.478 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116893.D
Acq: 9 Sep 2019 2:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 28441

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.5	27.7
138	21.0	16.2	24.2