Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113871.D
Acq On : 19 Apr 2019 20:48
Operator : JU/SJ
Sample : K2201-09 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-E

Quant Time: Apr 19 23:26:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163957	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	563868	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	258613	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	511615	20.00	ng		0.02
76) Chrysene-d12	14.04	240	446	20.00	ng		0.00
87) Perylene-d12	15.51	264	229	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	207867	21.08	ng		0.00
7) Phenol-d6	6.52	99	264203	21.49	ng		0.00
23) Nitrobenzene-d5	7.45	82	123542	13.34	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	62475	21.87	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	271790	16.03	ng		0.00
79) Terphenyl-d14	13.13	244	340872	16026.72	ng		0.13
Target Compounds							Qvalue
9) Benzaldehyde	6.67	77	4574	Below Cal			92
25) Isophorone	7.45	82	123540	6.444	ng	#	65
51) 2,6-Dinitrotoluene	9.94	165	33510	8.390	ng	#	33
57) 2,4-Dinitrotoluene	9.94	165	33510	6.762	ng	#	29
71) Phenanthrene	11.46	178	59852	2.297	ng		98
75) Fluoranthene	12.71	202	129997	4.707	ng		97
77) Benzidine	12.73	184	120	7.393	ng	#	1
78) Pyrene	12.96	202	128618	4091.901	ng		95
80) Butylbenzylphthalate	13.46	149	209	17.950	ng	#	68
81) Benzo(a)anthracene	14.03	228	293	11.239	ng	#	1
82) 3,3'-Dichlorobenzidine	13.97	252	317	34.210	ng	#	72
83) Chrysene	14.07	228	570	22.027	ng	#	1
84) Bis(2-ethylhexyl)phthalate	14.01	149	134	9.620	ng	#	63
85) Di-n-octyl phthalate	14.64	149	239	11.058	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.97	276	200	9.467	ng	#	1
88) Benzo(b)fluoranthene	15.09	252	199	13.940	ng	#	1
89) Benzo(k)fluoranthene	15.13	252	808	62.142	ng	#	1
90) Benzo(a)pyrene	15.45	252	543	43.016	ng	#	1
91) Dibenzo(a,h)anthracene	16.99	278	323	28.758	ng	#	1
92) Benzo(g,h,i)perylene	17.46	276	555	48.615	ng	#	1

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

Quantitation Report (Not Reviewed)

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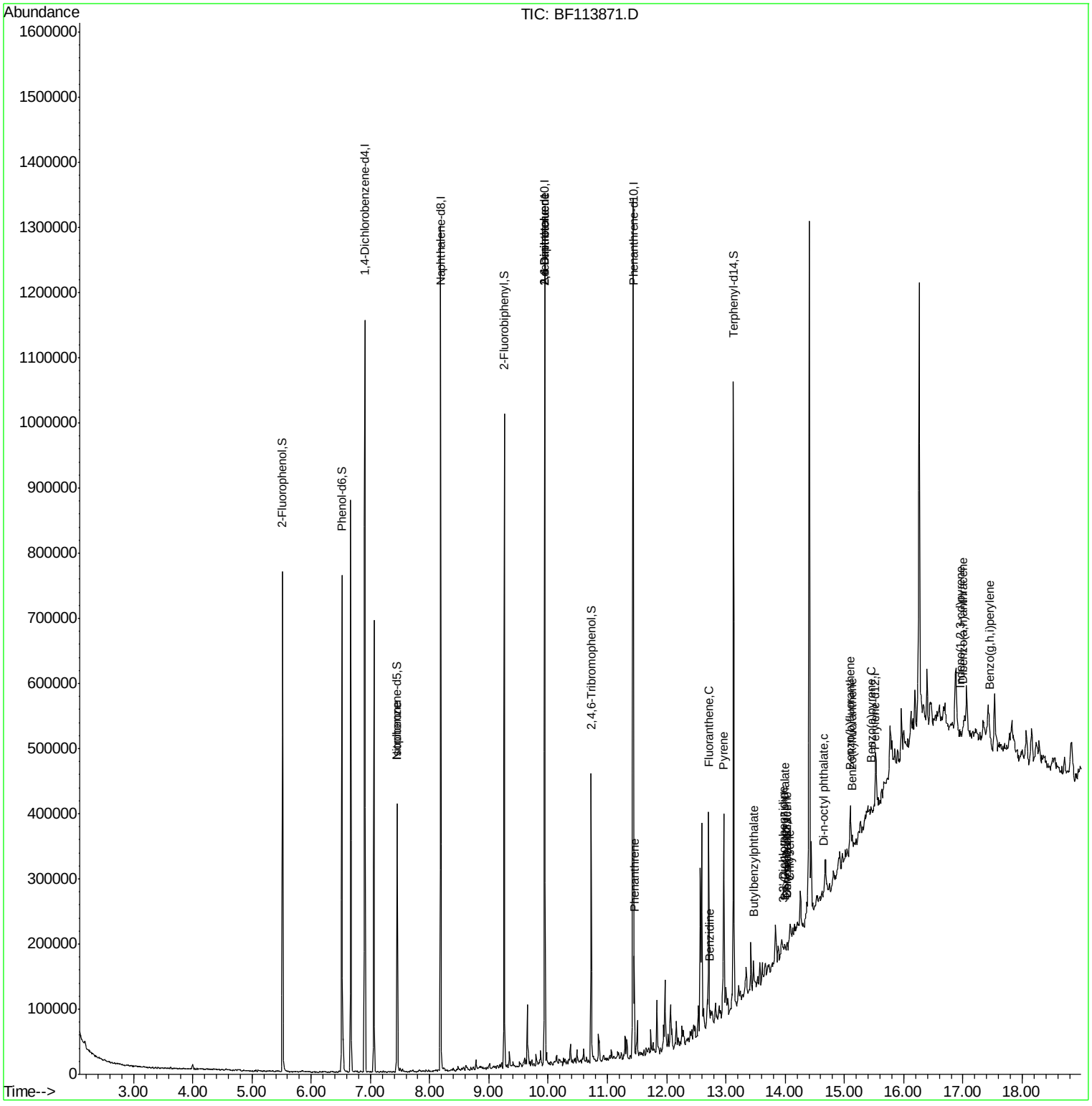
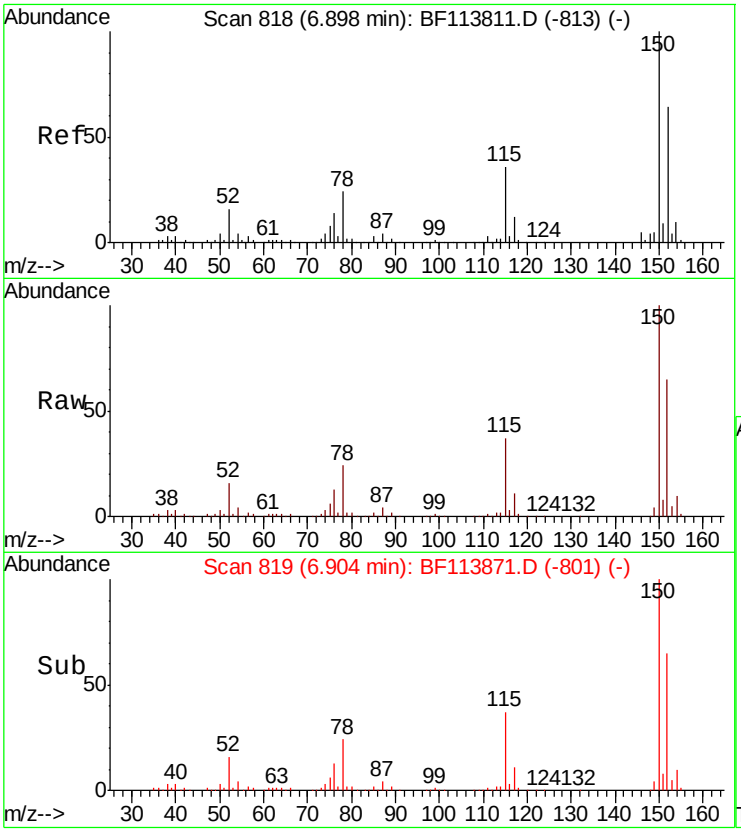


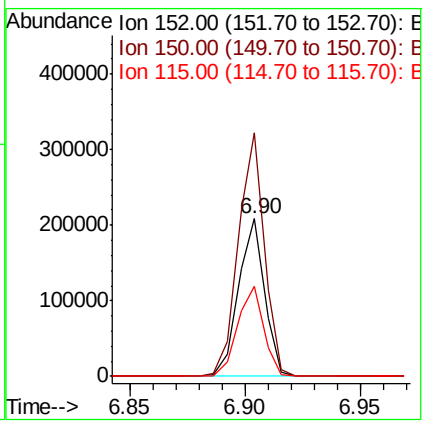


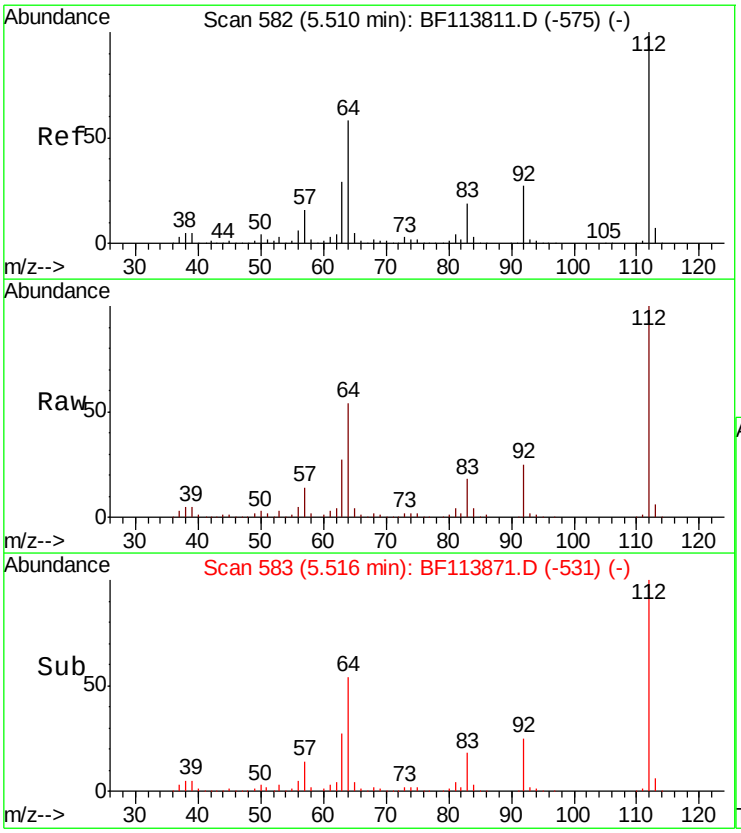
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:152 Resp: 163957

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.9	188.9
115	56.9	45.9	68.9

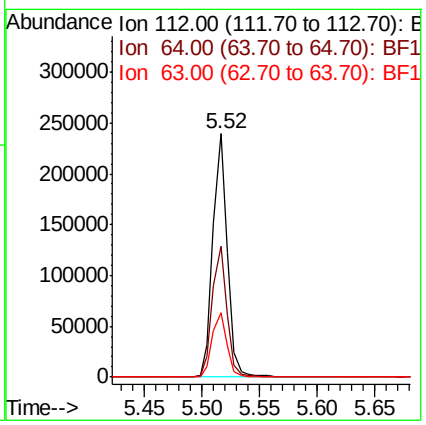


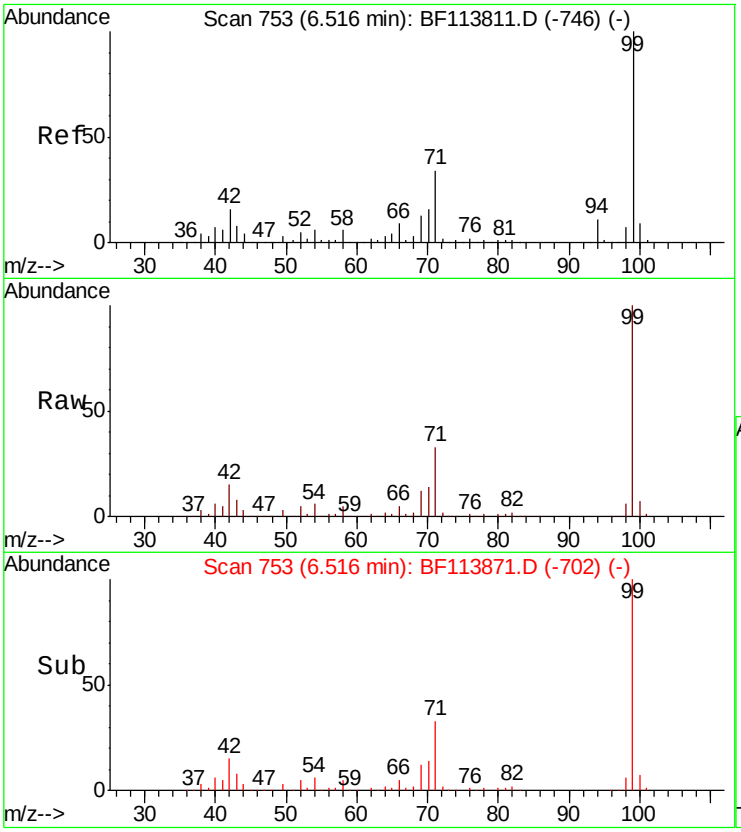


#5
2-Fluorophenol
Concen: 21.081 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:112 Resp: 207867

Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.6	69.8
63	26.6	23.1	34.7



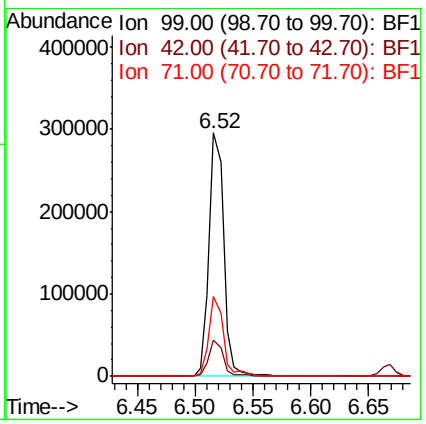


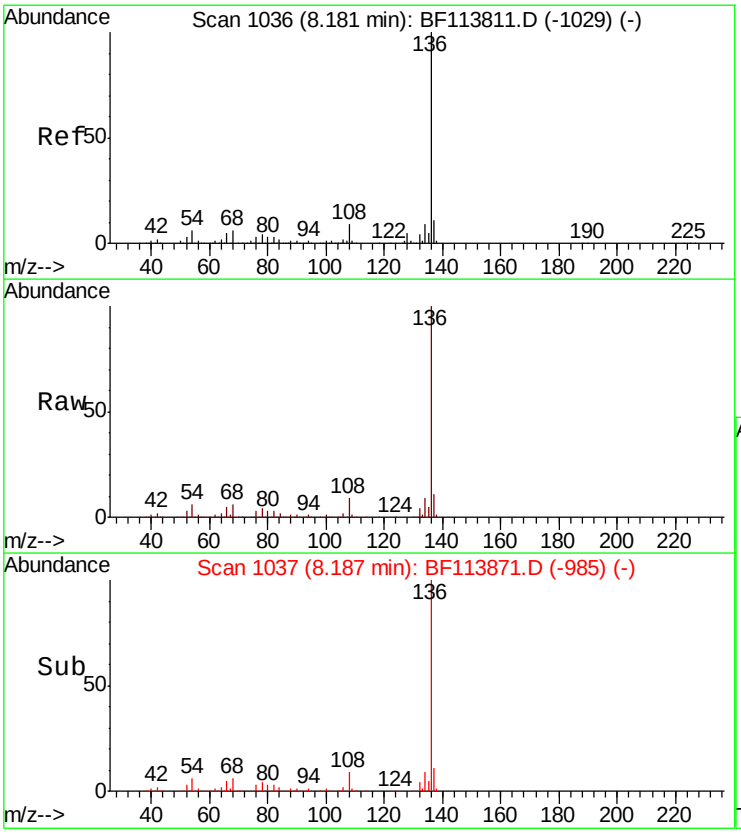
#7
Phenol-d6
Concen: 21.486 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion: 99 Resp: 264203

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.5	18.7
71	33.0	26.9	40.3

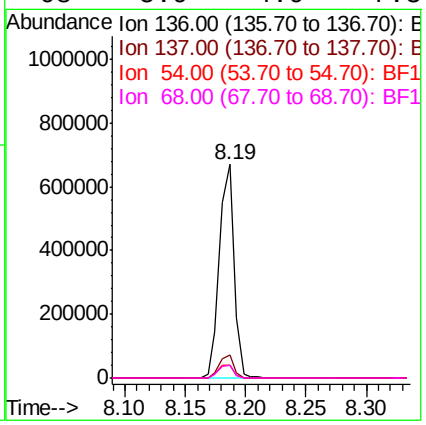


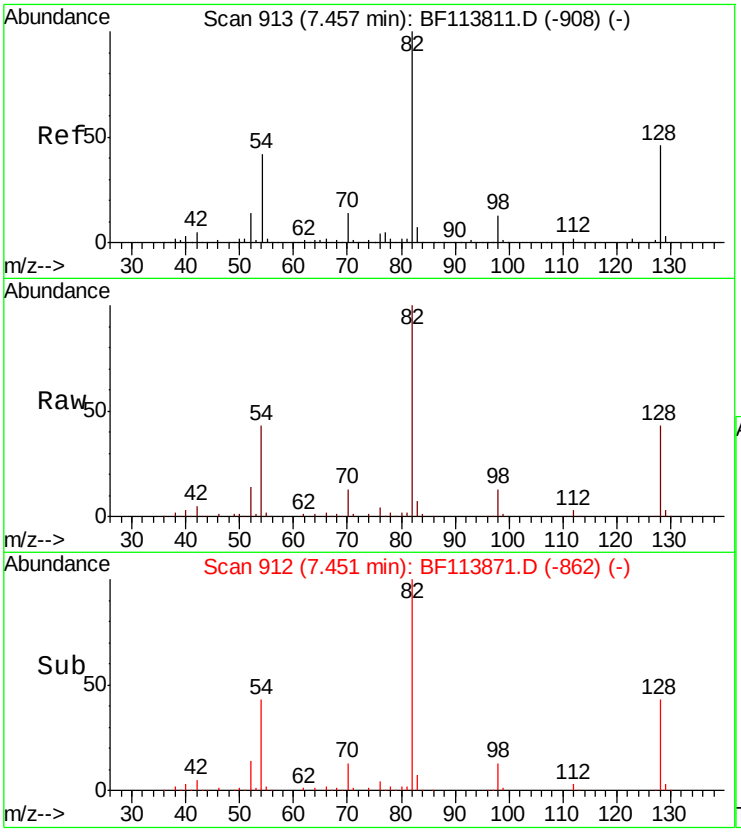


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:136 Resp: 563868

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	5.9	5.0	7.6
68	5.9	4.9	7.3



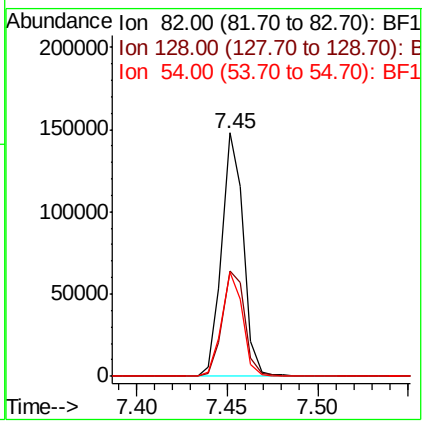


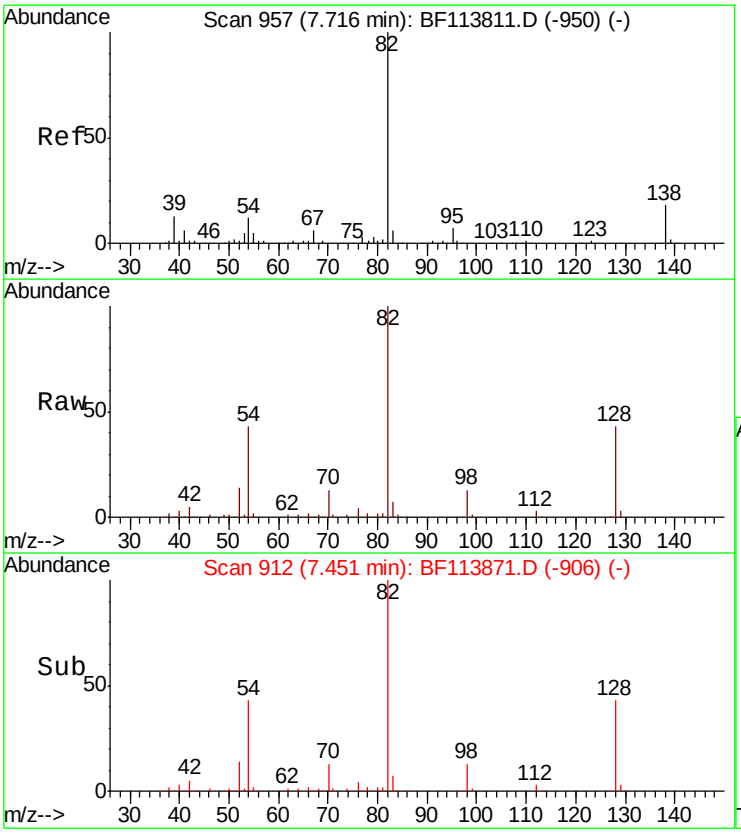
#23
Nitrobenzene-d5
Concen: 13.342 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion: 82 Resp: 123542

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.8	55.2
54	42.7	33.8	50.6

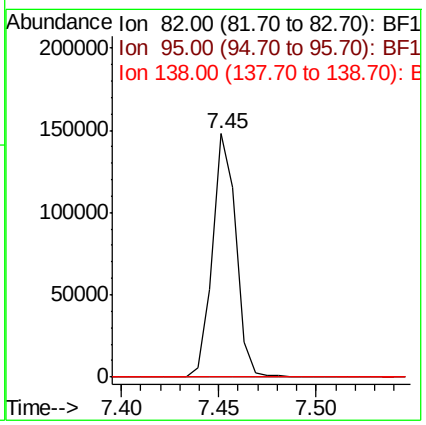


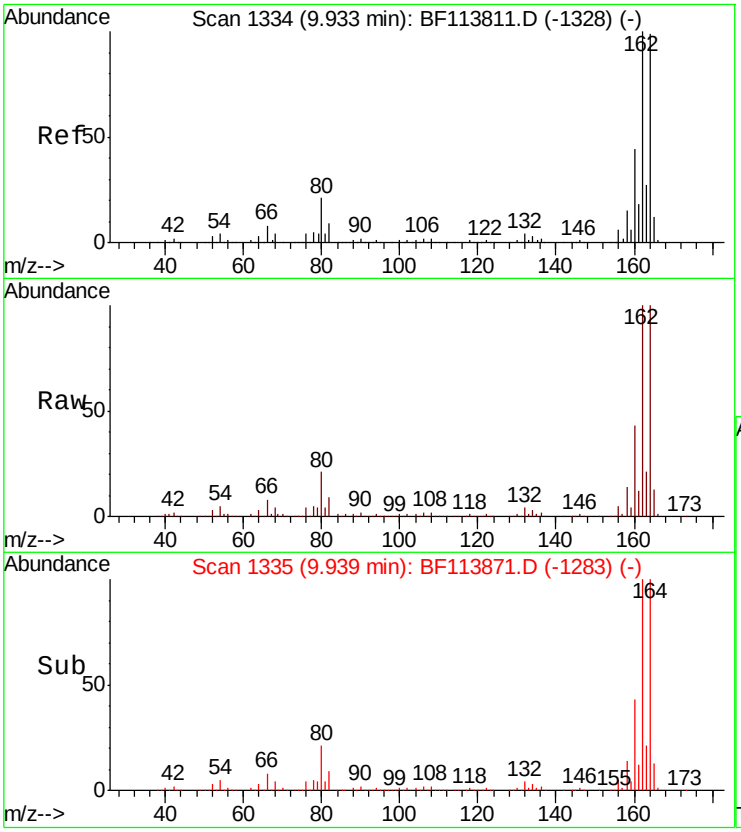


#25
Isophorone
Concen: 6.444 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion: 82 Resp: 123540

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#



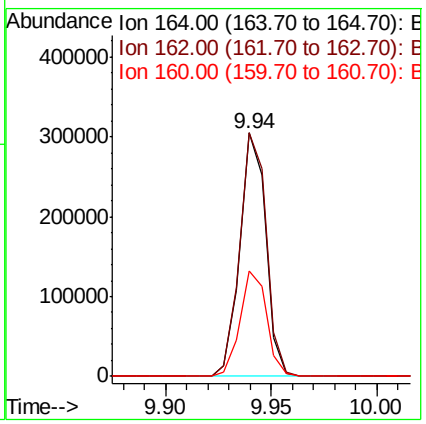


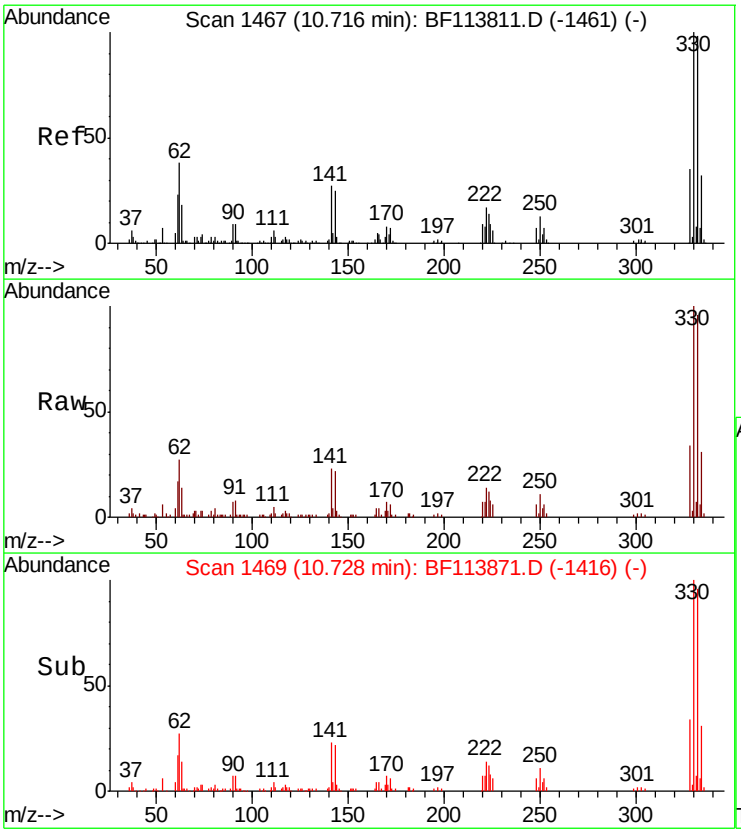
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:164 Resp: 258613

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.1	121.7
160	43.3	35.8	53.6

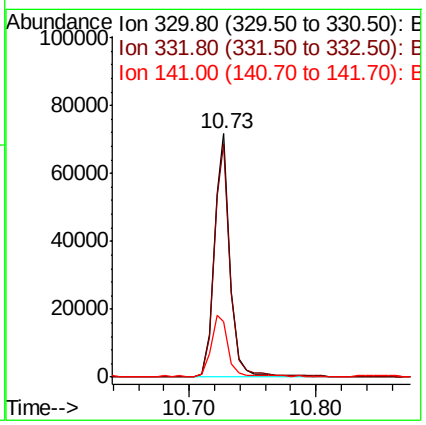


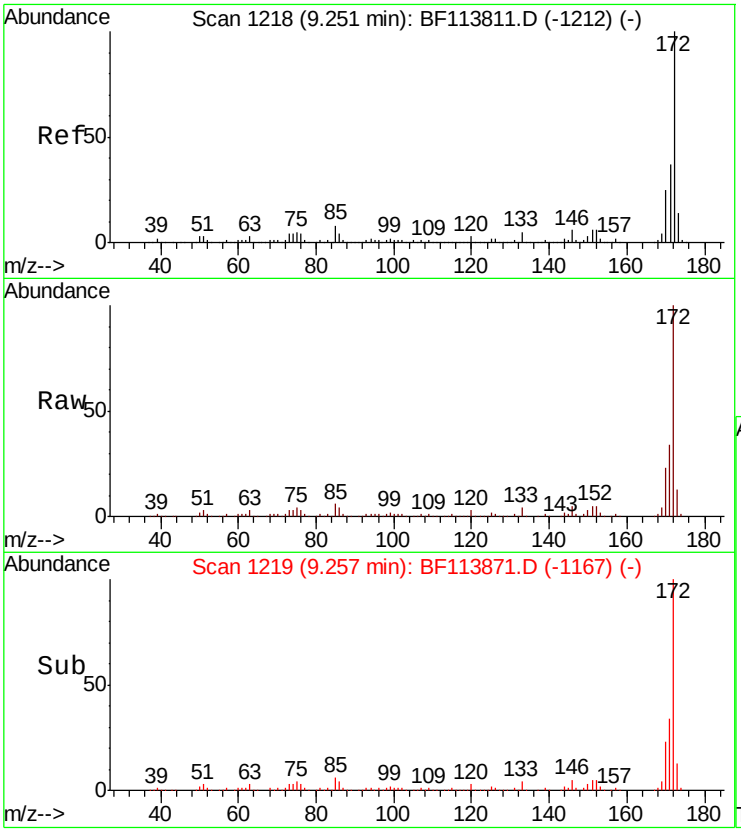


#42
2,4,6-Tribromophenol
Concen: 21.866 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:330 Resp: 62475

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.5	116.3
141	28.7	22.2	33.2



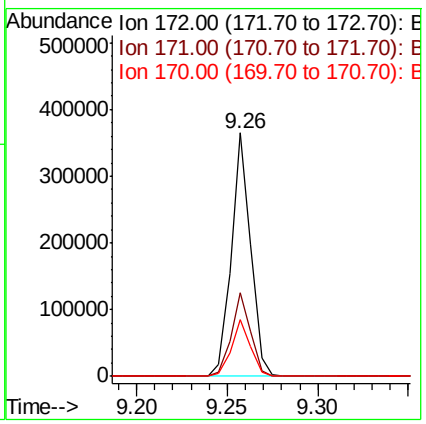


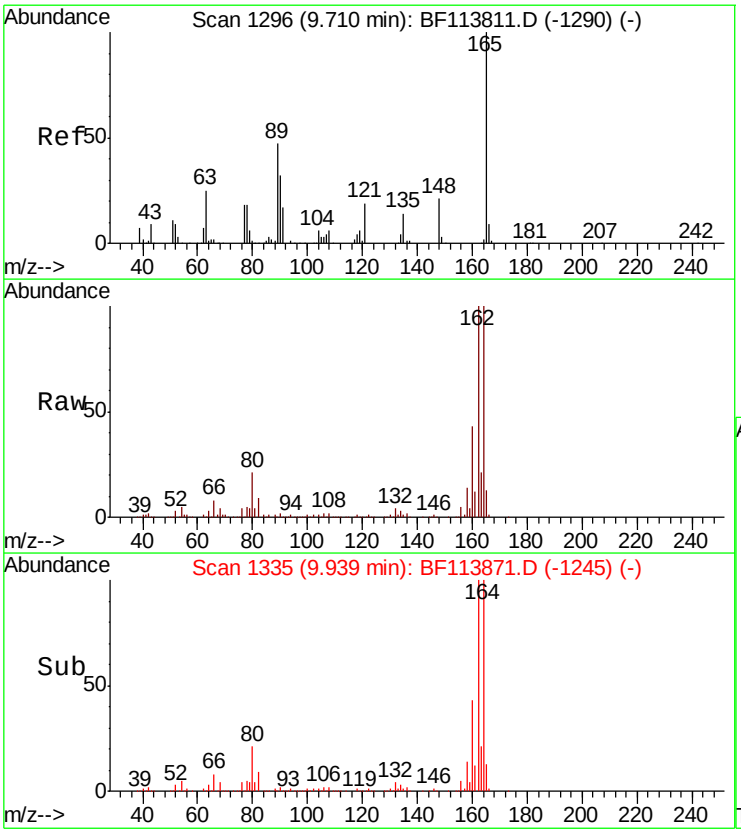
#45
2-Fluorobiphenyl
Concen: 16.027 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:172 Resp: 271790

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.4	44.0
170	23.2	19.9	29.9

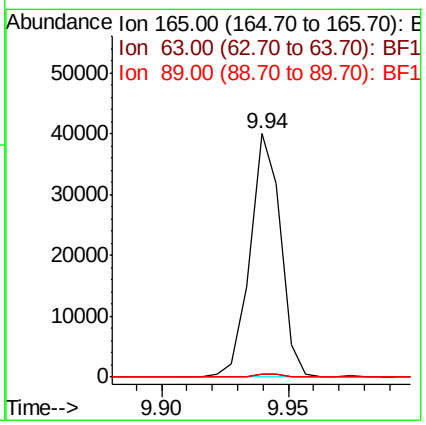


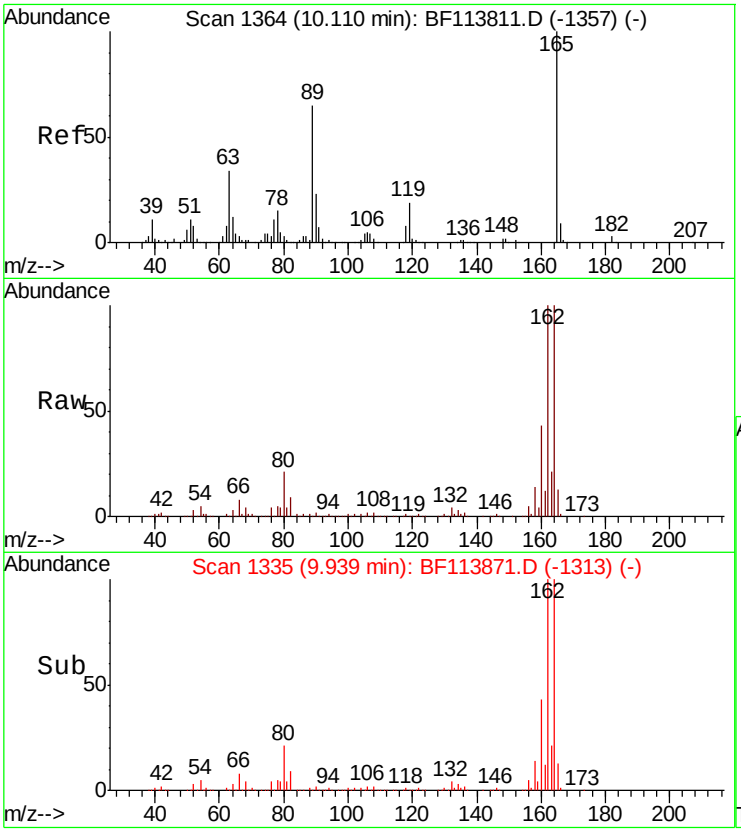


#51
2,6-Dinitrotoluene
Concen: 8.390 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:165 Resp: 33510

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.8#
89	1.2	38.2	57.2#



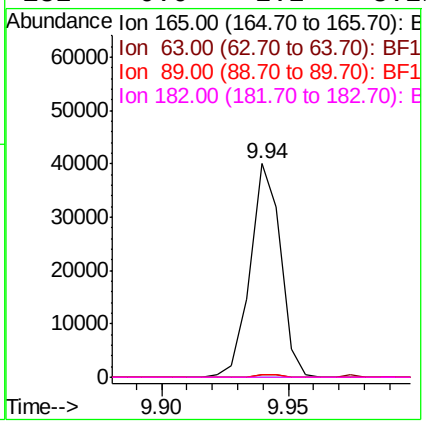


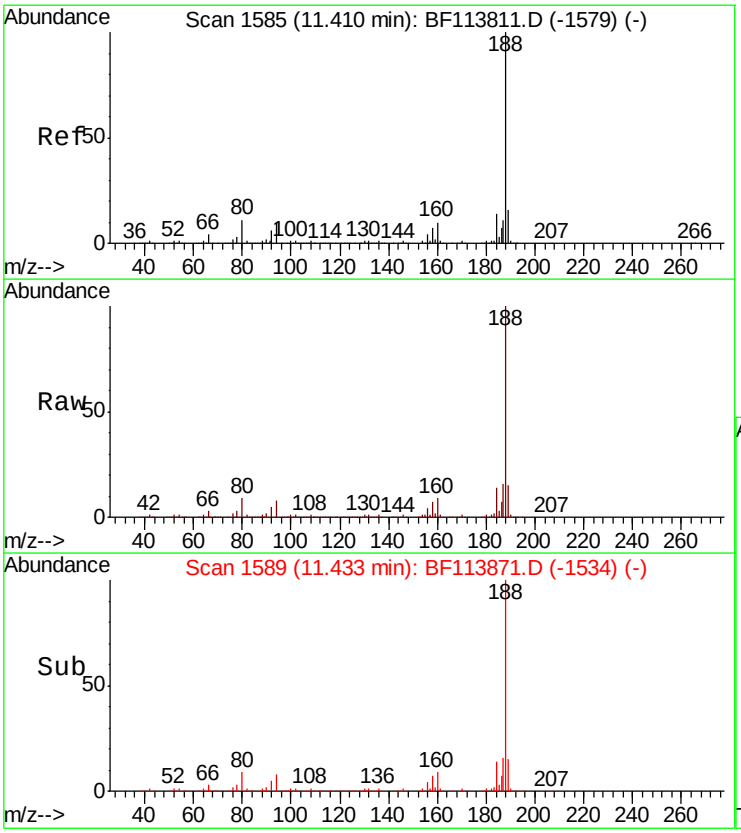
#57
2,4-Dinitrotoluene
Concen: 6.762 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:165 Resp: 33510

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.4	41.0#
89	1.2	51.8	77.6#
182	0.0	2.2	3.2#

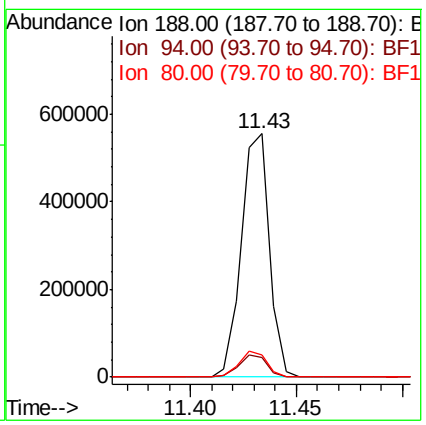


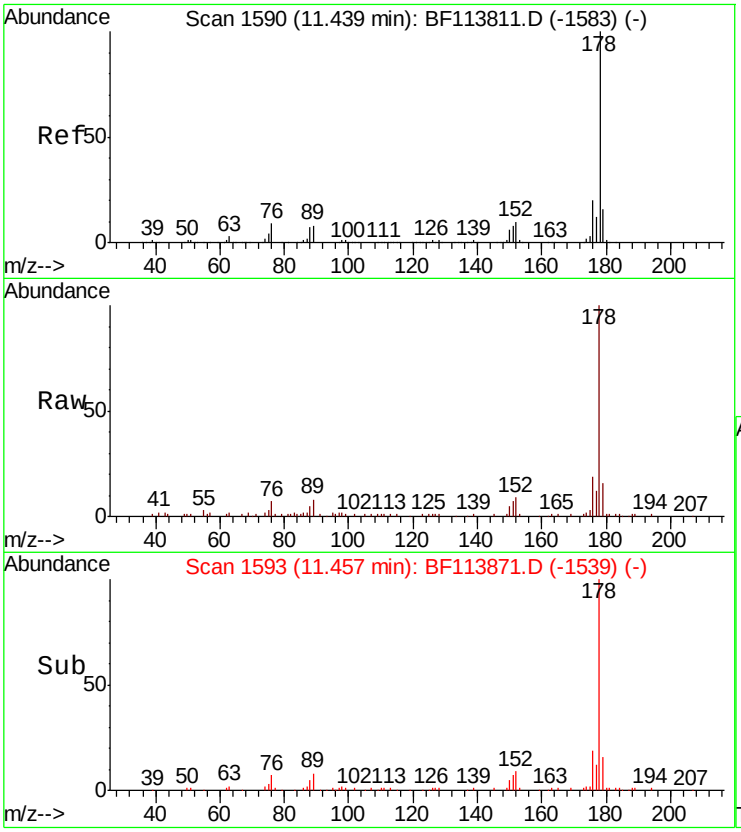


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:188 Resp: 511615

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.4
80	8.9	9.0	13.6#



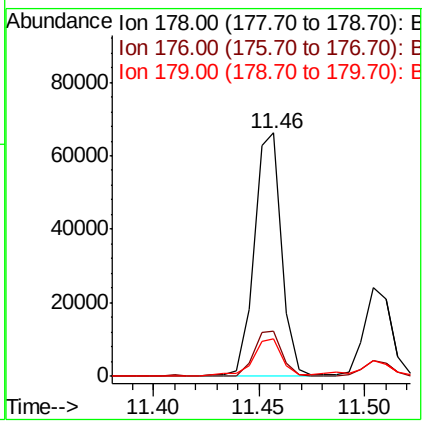


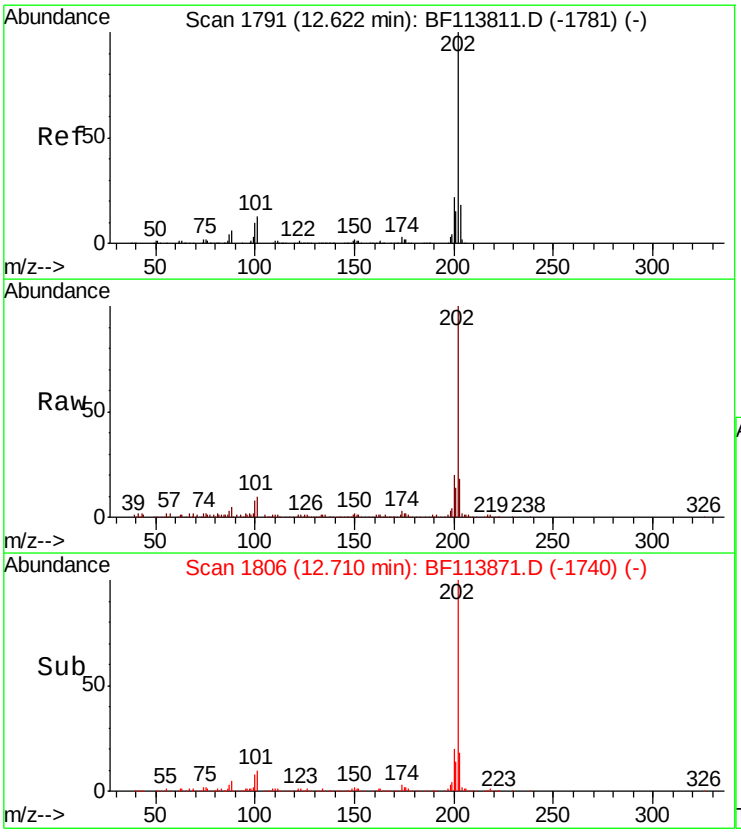
#71
Phenanthrene
Concen: 2.297 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:178 Resp: 59852

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.1	24.1
179	15.7	12.8	19.2

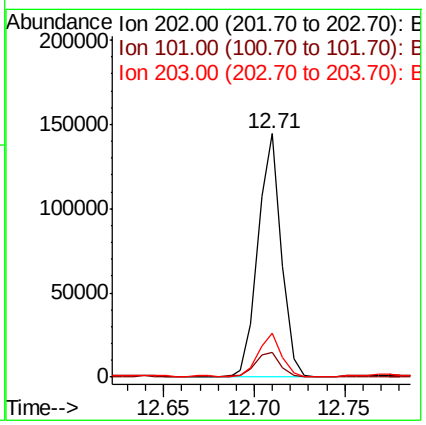


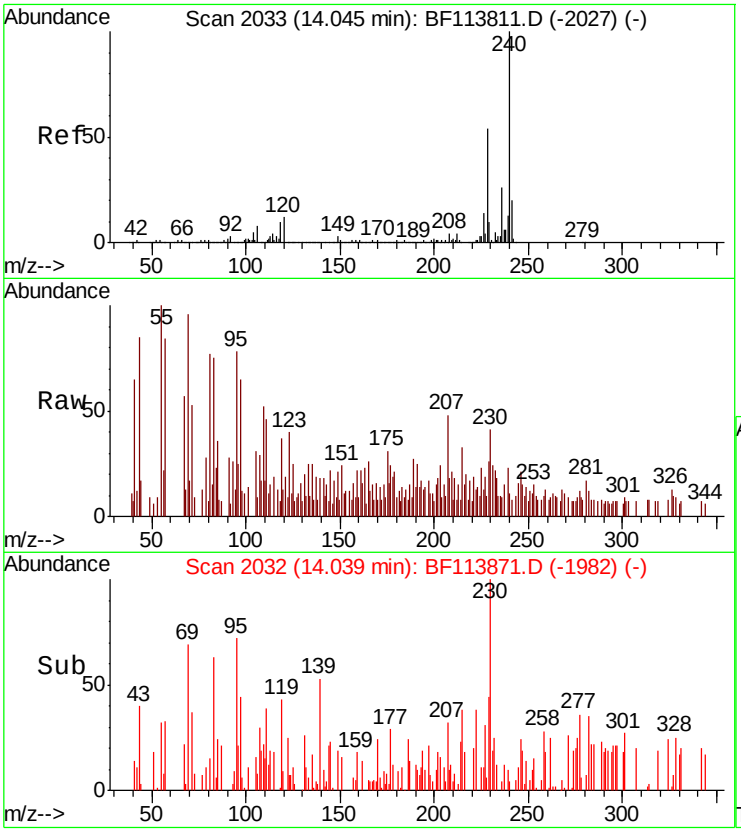


#75
Fluoranthene
Concen: 4.707 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.09 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:202 Resp: 129997

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.9
203	18.1	0.0	38.2



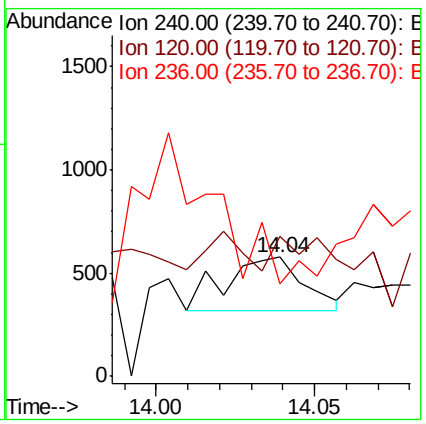


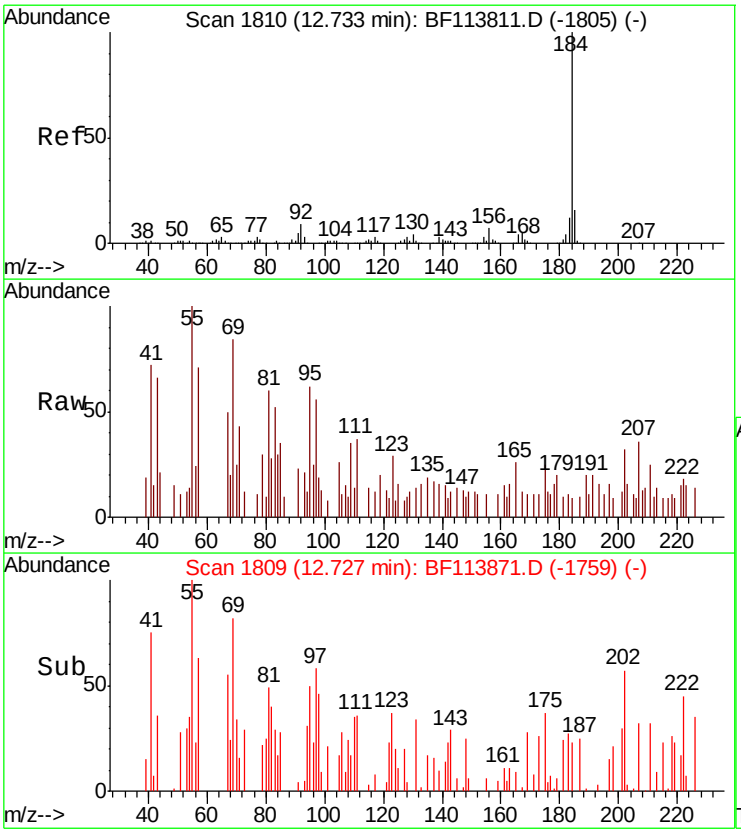
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:240 Resp: 446

Ion	Ratio	Lower	Upper
240	100		
120	117.4	9.3	13.9#
236	78.0	21.2	31.8#

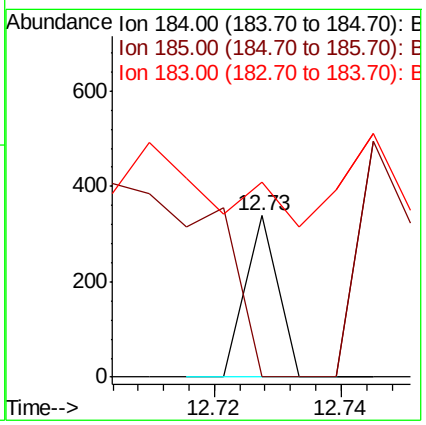


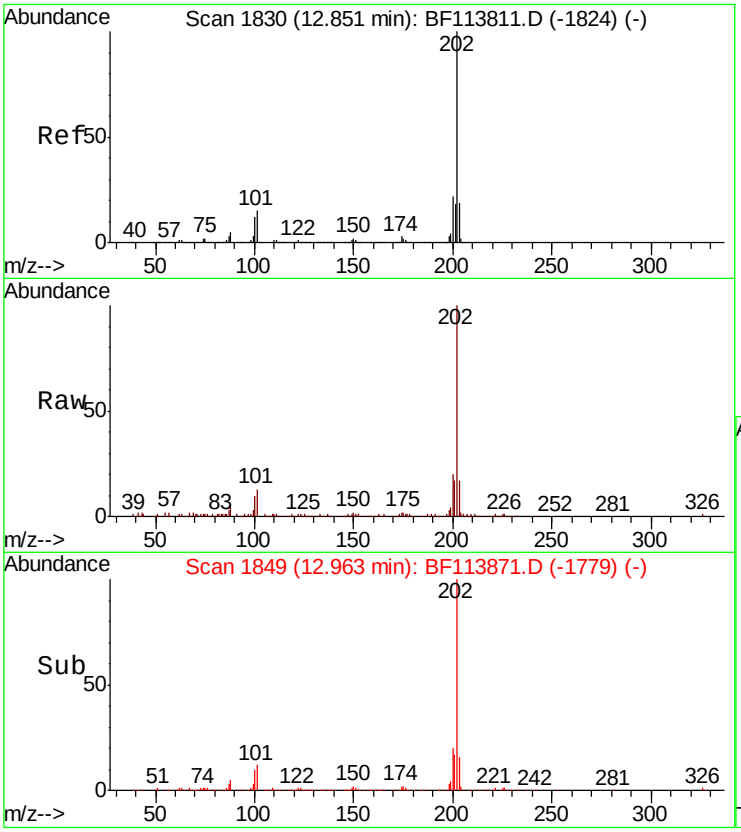


#77
Benzidine
Concen: 7.393 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:184 Resp: 120

Ion	Ratio	Lower	Upper
184	100		
185	0.0	13.0	19.6#
183	120.4	9.4	14.0#



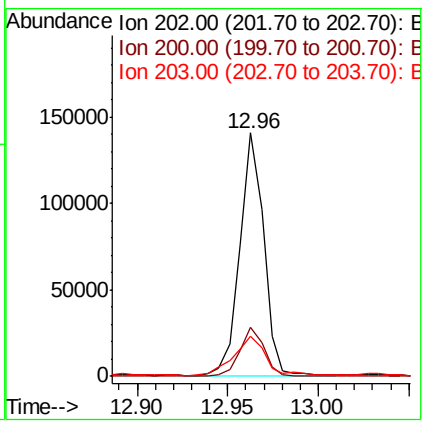


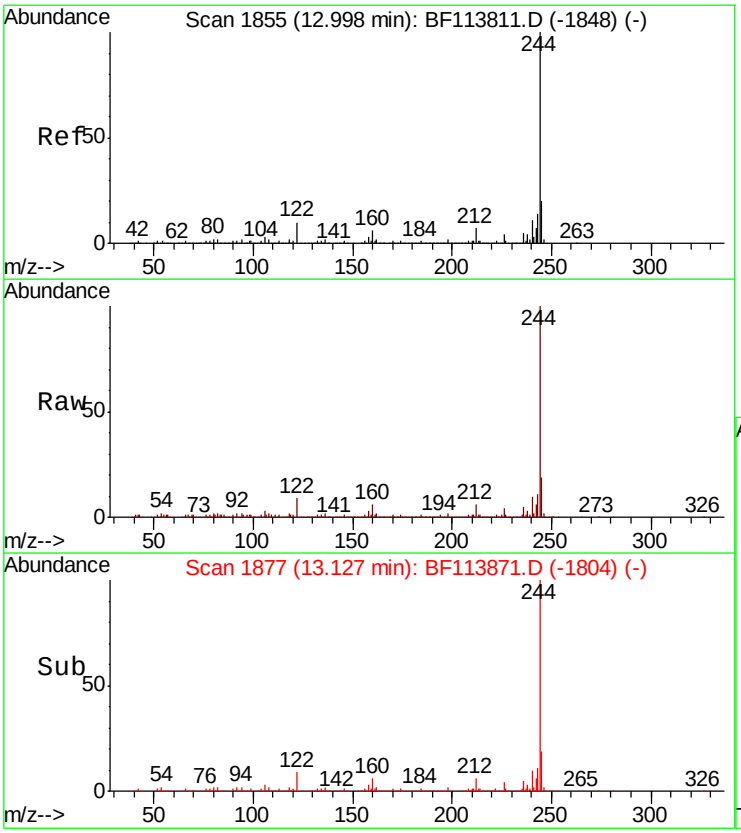
#78
Pyrene
Concen: 4091.901 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.11 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:202 Resp: 128618

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.7	26.5
203	16.7	15.0	22.6

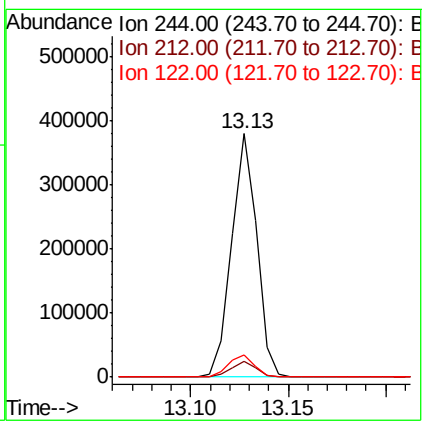


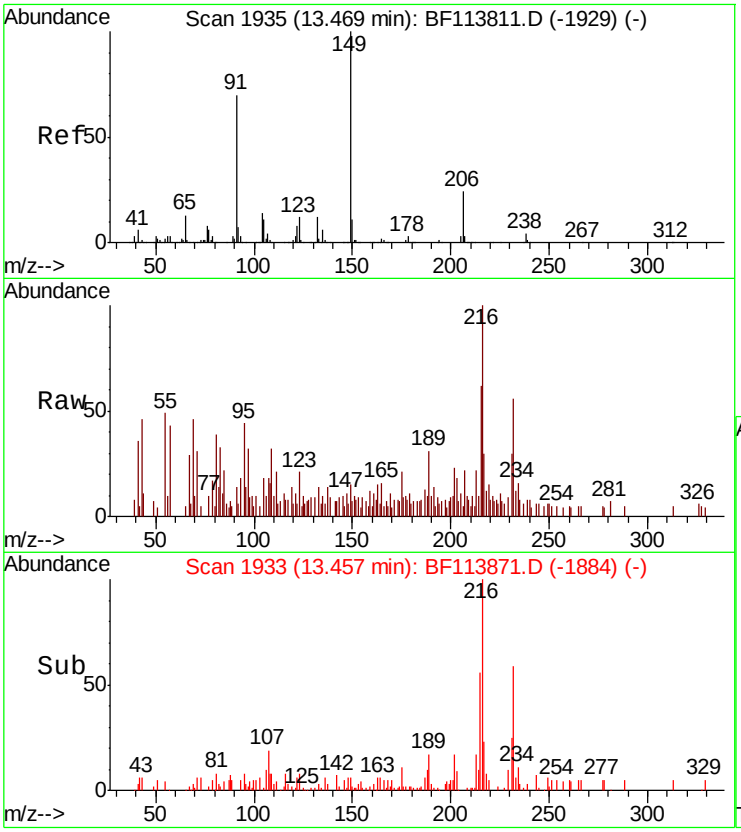


#79
Terphenyl-d14
Concen: 16026.724 ng
RT: 13.13 min Scan# 1877
Delta R.T. 0.13 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:244 Resp: 340872

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	9.3	7.6	11.4



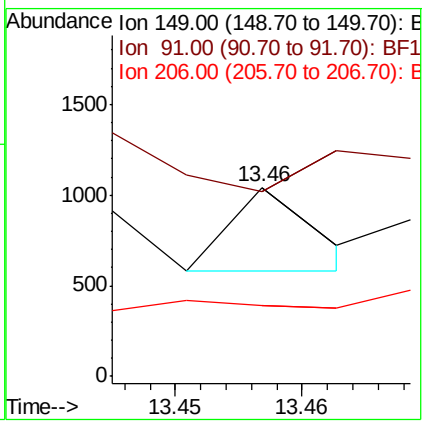


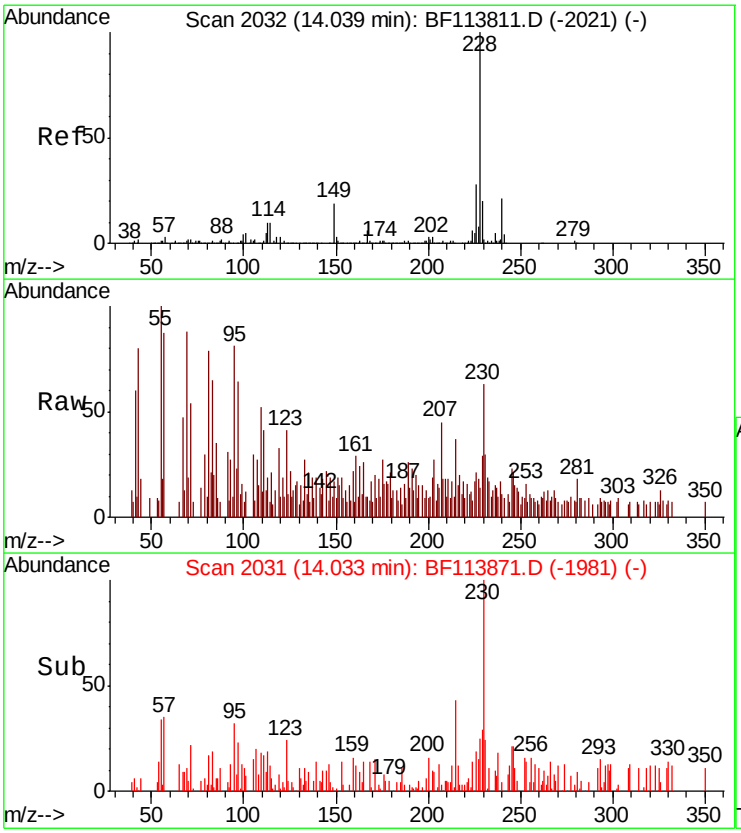
#80
Butylbenzylphthalate
Concen: 17.950 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:149 Resp: 209

Ion	Ratio	Lower	Upper
149	100		
91	98.2	56.3	84.5#
206	37.4	19.0	28.6#

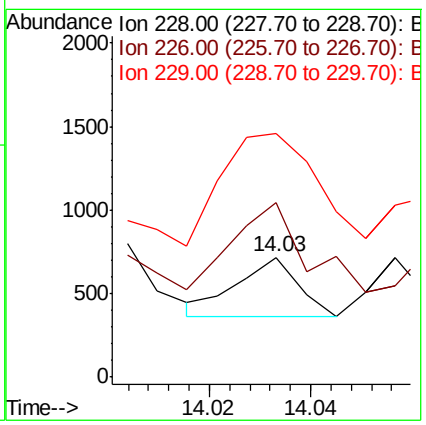


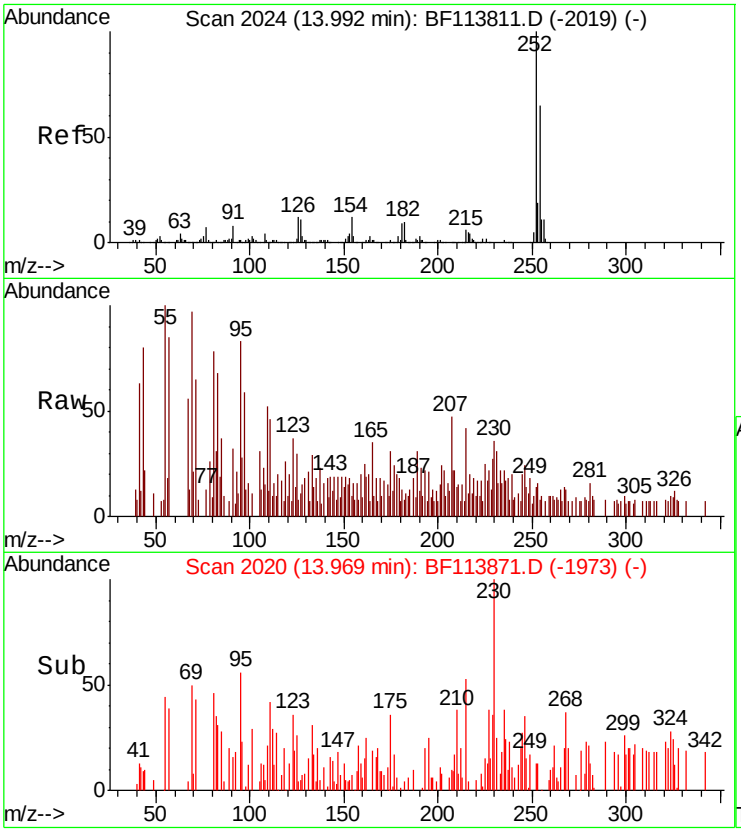


#81
Benzo(a)anthracene
Concen: 11.239 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:228 Resp: 293

Ion	Ratio	Lower	Upper
228	100		
226	145.5	22.2	33.2#
229	203.3	16.0	24.0#



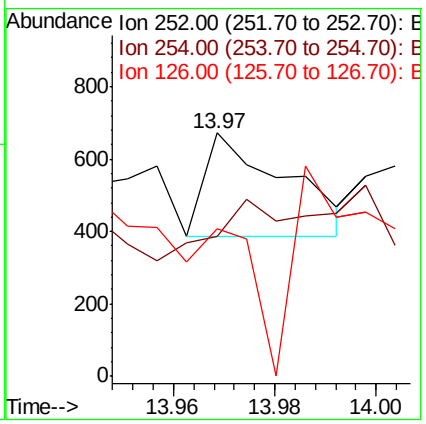


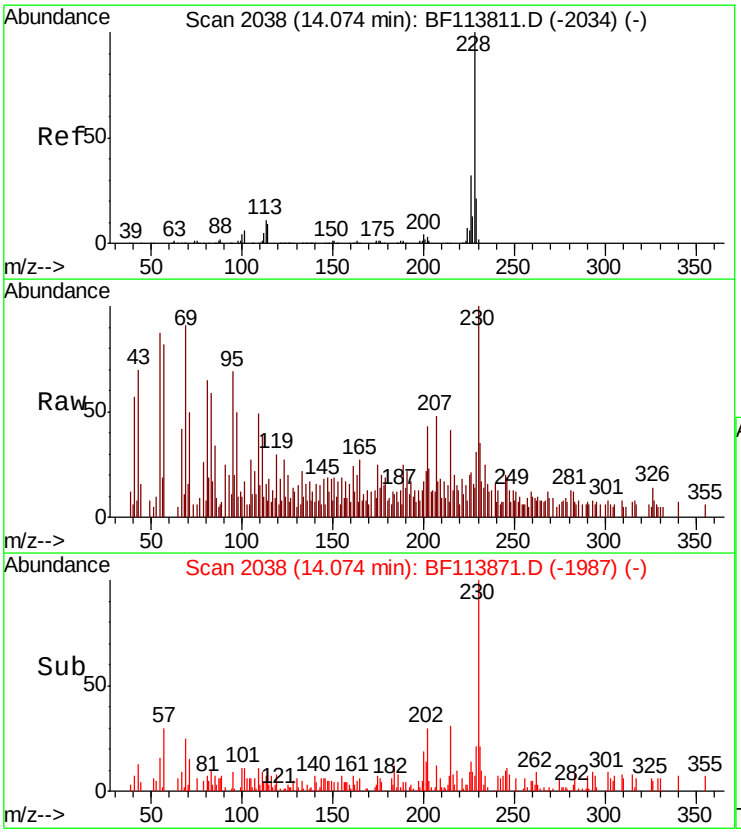
#82
3,3'-Dichlorobenzidine
Concen: 34.210 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:252 Resp: 317

Ion	Ratio	Lower	Upper
252	100		
254	57.4	52.1	78.1
126	60.9	9.3	13.9#

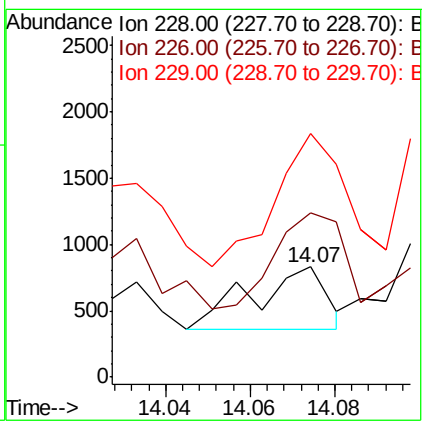


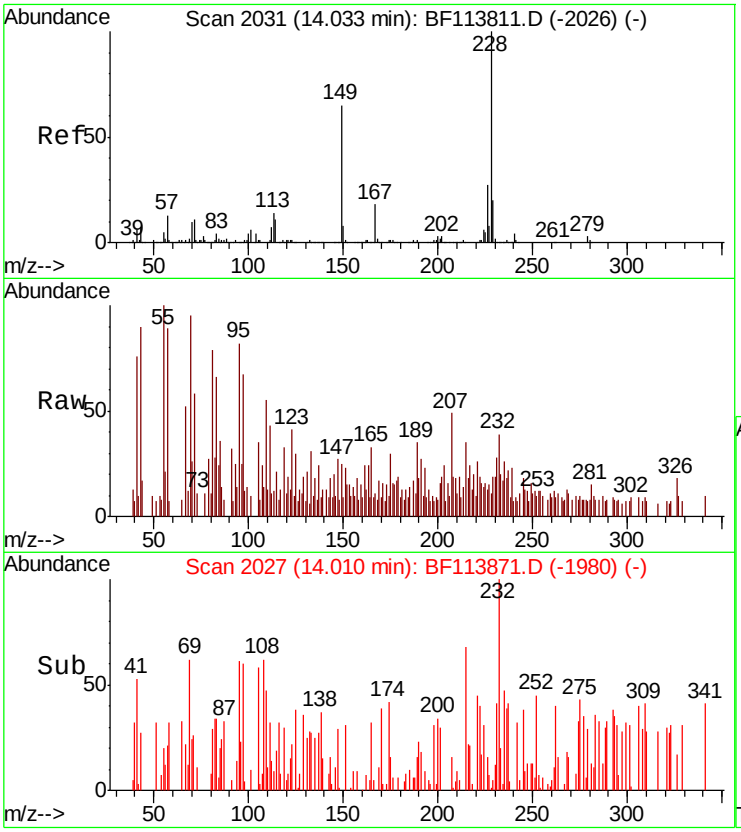


#83
Chrysene
Concen: 22.027 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:228 Resp: 570

Ion	Ratio	Lower	Upper
228	100		
226	148.9	25.2	37.8#
229	220.7	16.7	25.1#



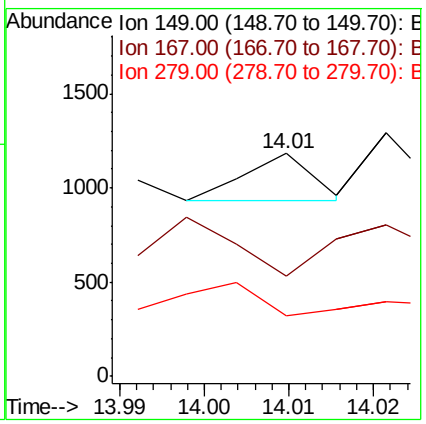


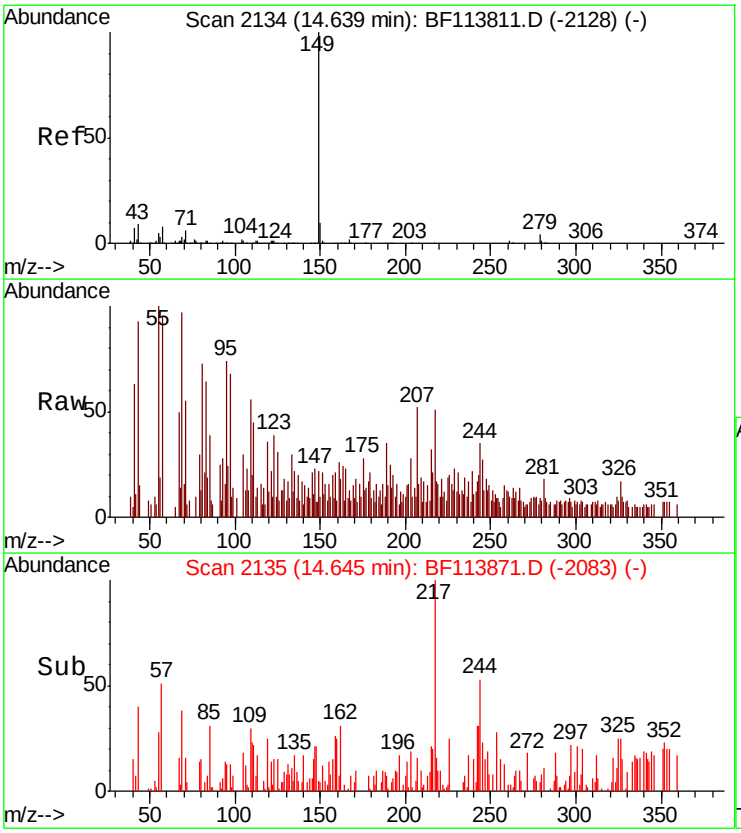
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.620 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:149 Resp: 134

Ion	Ratio	Lower	Upper
149	100		
167	45.3	22.9	34.3#
279	27.2	4.2	6.2#

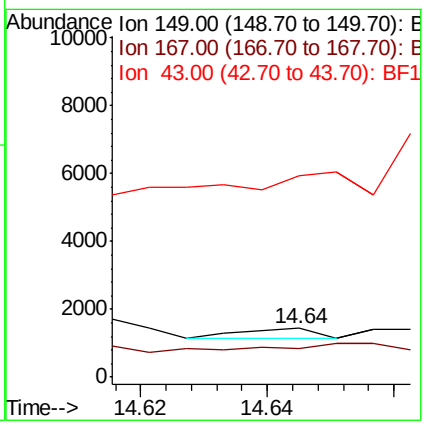


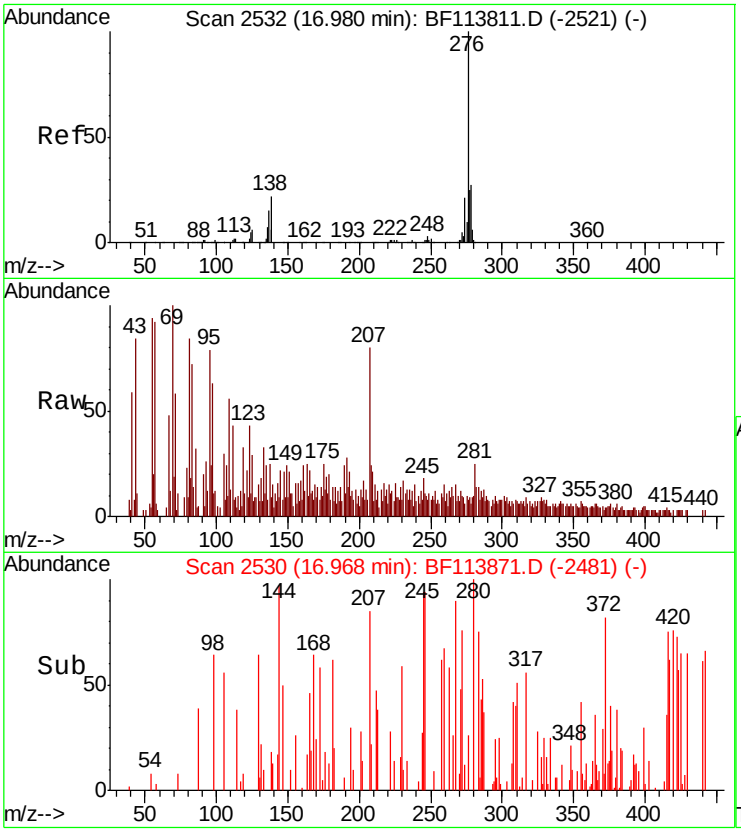


#85
Di-n-octyl phthalate
Concen: 11.058 ng
RT: 14.64 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:149 Resp: 239

Ion	Ratio	Lower	Upper
149	100		
167	199.6	1.3	1.9#
43	0.0	6.6	10.0#



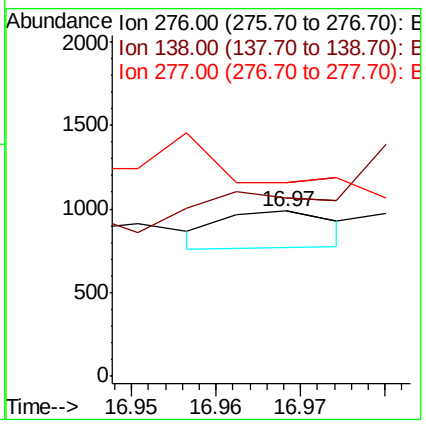


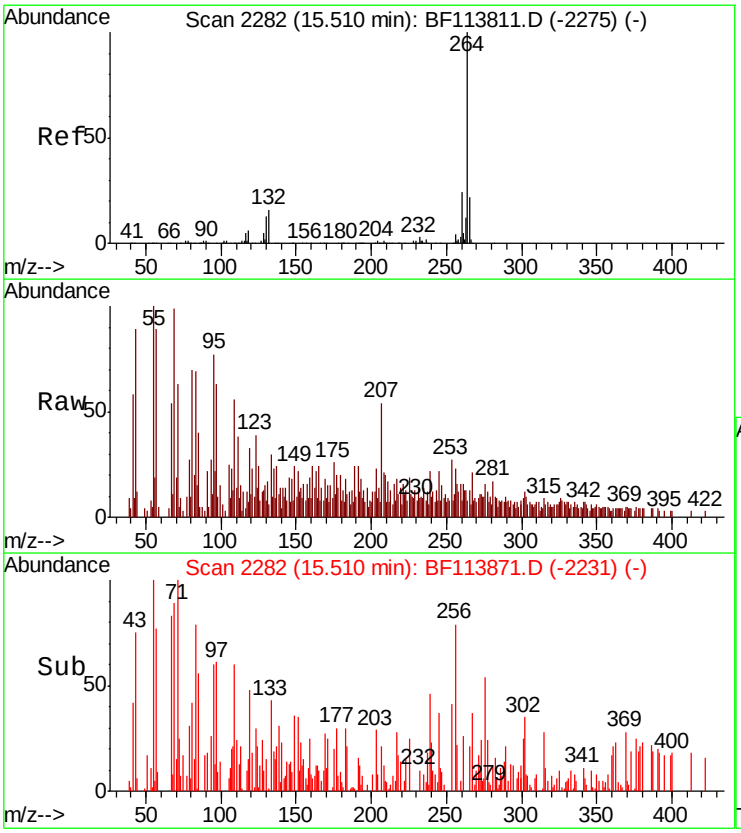
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.467 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:276 Resp: 200

Ion	Ratio	Lower	Upper
276	100		
138	282.5	19.6	29.4#
277	0.0	20.2	30.4#

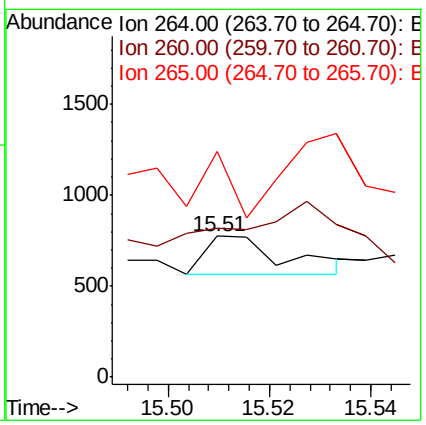


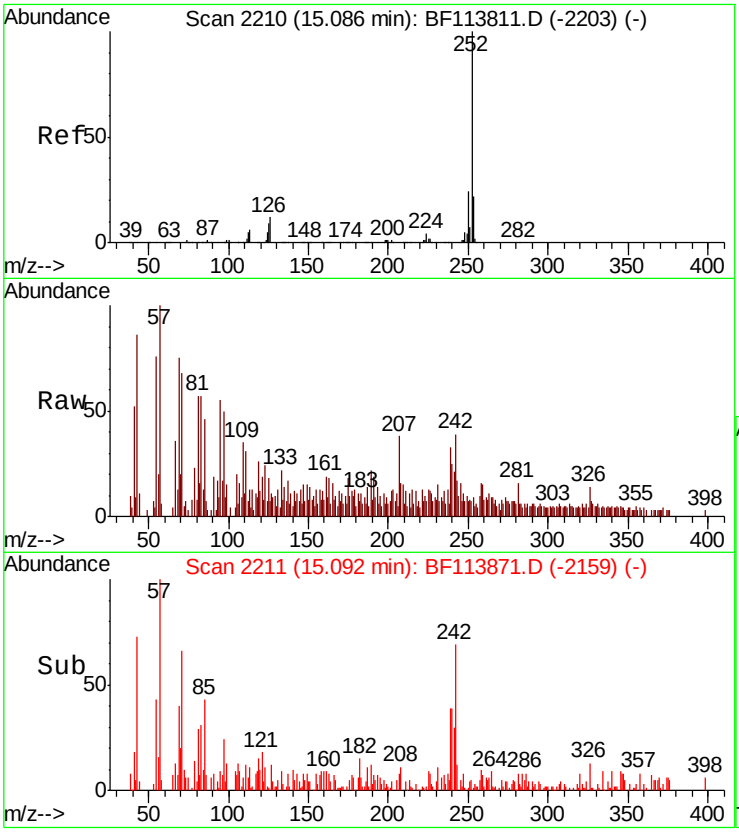


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:264 Resp: 229

Ion	Ratio	Lower	Upper
264	100		
260	105.3	18.9	28.3#
265	160.0	17.3	25.9#



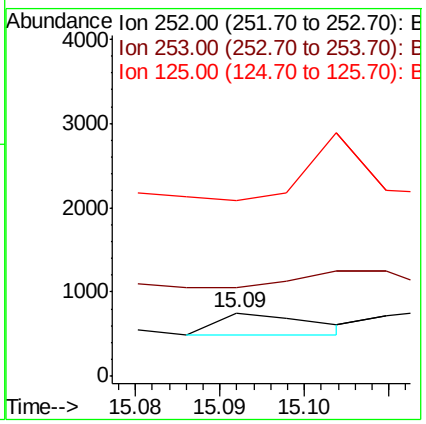


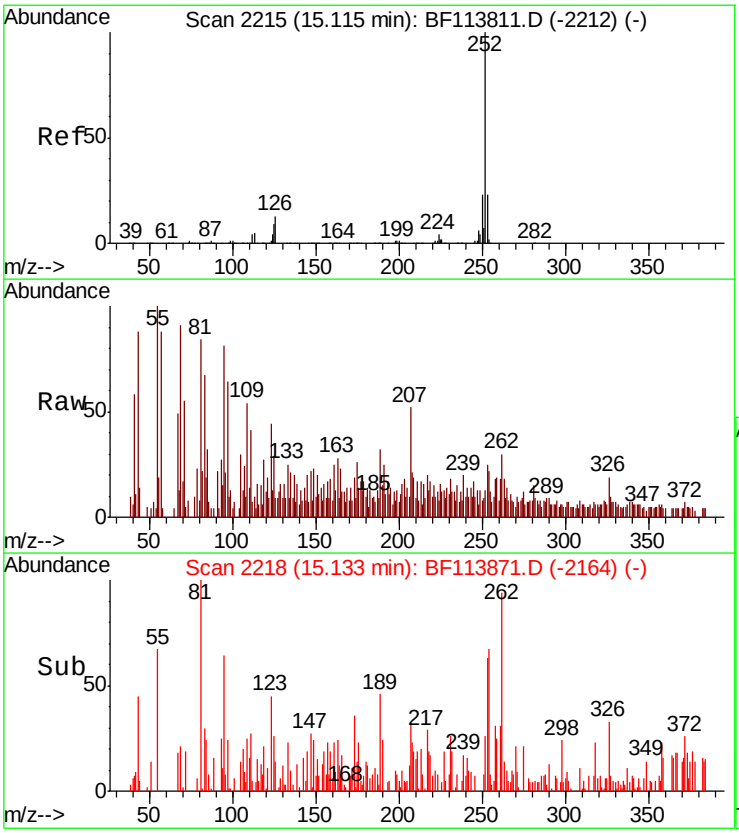
#88
Benzo(b)fluoranthene
Concen: 13.940 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:252 Resp: 199

Ion	Ratio	Lower	Upper
252	100		
253	140.2	17.8	26.6#
125	277.4	7.0	10.6#

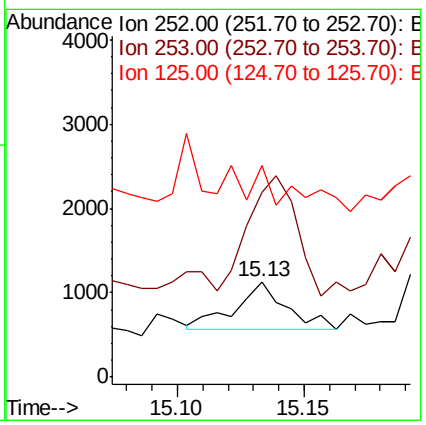


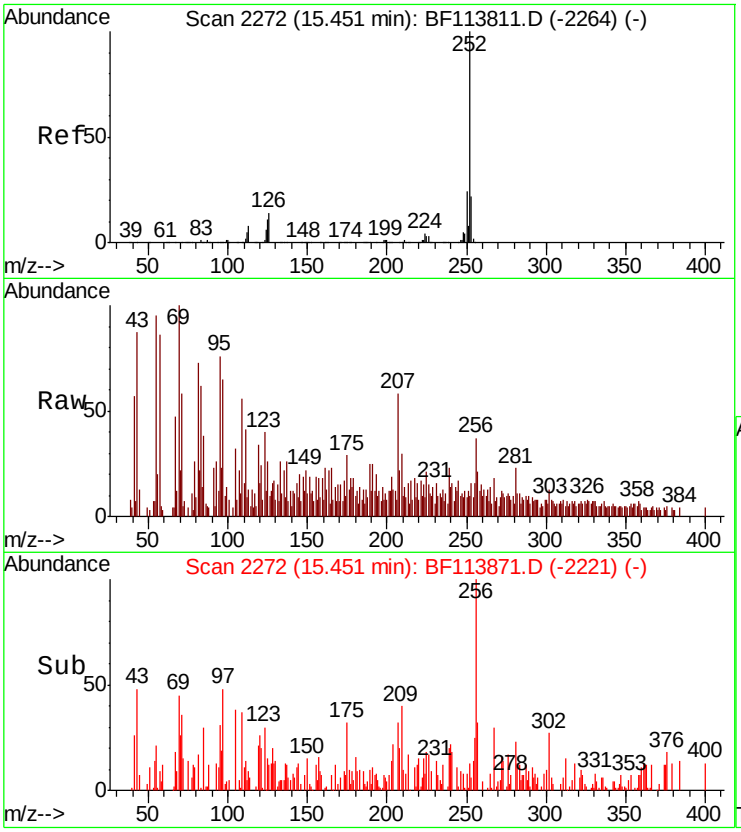


#89
Benzo(k)fluoranthene
Concen: 62.142 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:252 Resp: 808

Ion	Ratio	Lower	Upper
252	100		
253	193.0	18.2	27.2#
125	220.8	7.4	11.2#



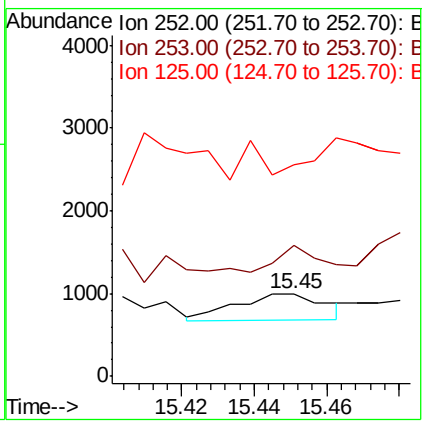


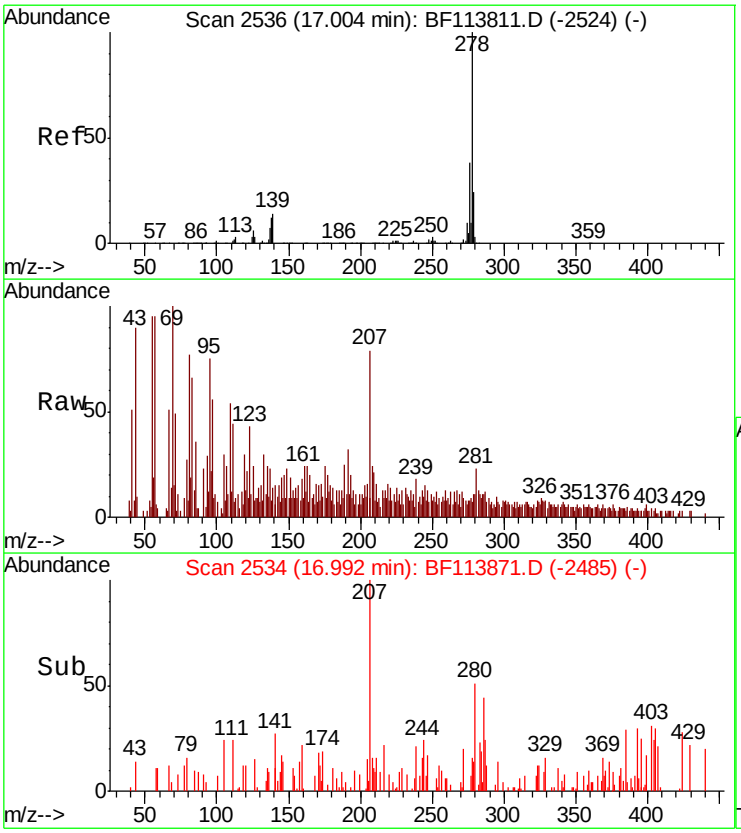
#90
Benzo(a)pyrene
Concen: 43.016 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:252 Resp: 543

Ion	Ratio	Lower	Upper
252	100		
253	158.0	17.5	26.3#
125	255.5	8.5	12.7#

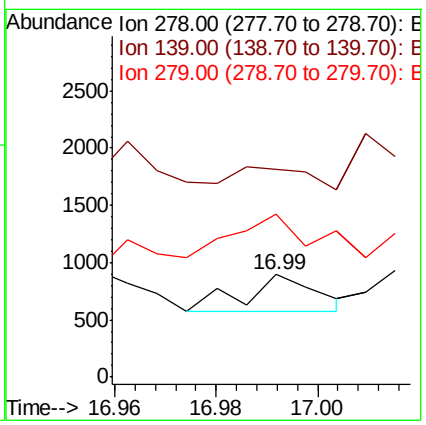


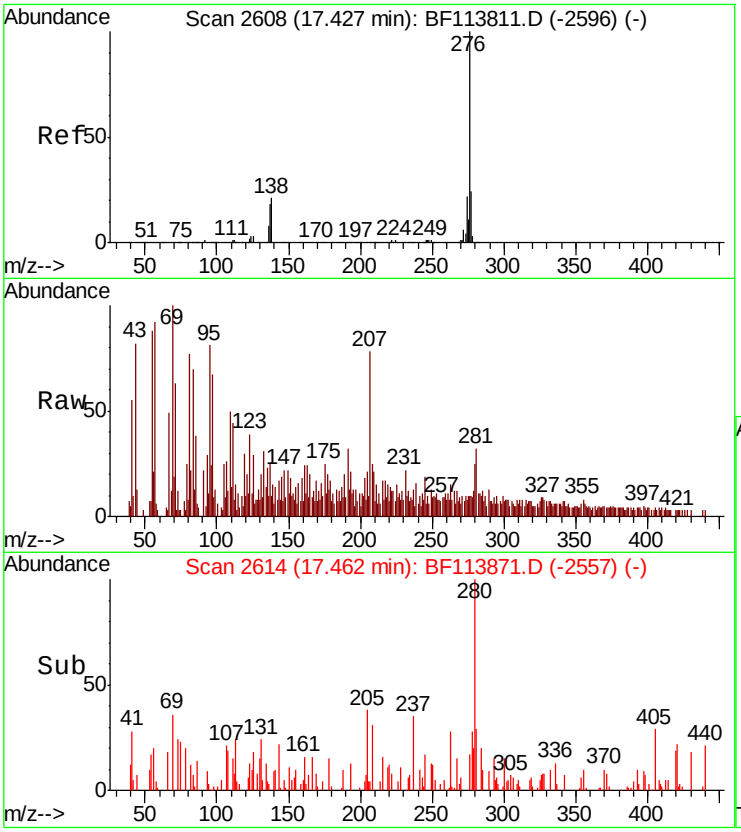


#91
Dibenzo(a,h)anthracene
Concen: 28.758 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Tgt Ion:278 Resp: 323

Ion	Ratio	Lower	Upper
278	100		
139	202.8	11.6	17.4#
279	158.8	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 48.615 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.04 min
Lab File: BF113871.D
Acq: 19 Apr 2019 20:48

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-E

Tgt Ion:276 Resp: 555

Ion	Ratio	Lower	Upper
276	100		
277	97.2	19.0	28.4#
138	95.3	16.6	25.0#