Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 08 04:08:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	112408	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	376853	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	172069	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	379476	20.00	ng		0.00
76) Chrysene-d12	14.06	240	389477	20.00	ng		0.00
87) Perylene-d12	15.54	264	207705	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	296929	45.19	ng		0.00
7) Phenol-d6	6.53	99	328100	38.74	ng		0.00
23) Nitrobenzene-d5	7.45	82	233691	33.14	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	105203	47.01	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	366114	31.03	ng		0.00
79) Terphenyl-d14	13.00	244	425258	20.73	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	665	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.45	70	32325	5.875	ng	#	79
25) Isophorone	7.45	82	233689	20.467	ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	22335	7.727	ng	#	26
57) 2,4-Dinitrotoluene	9.93	165	22335	5.980	ng	#	26
71) Phenanthrene	11.44	178	137684	6.786	ng		98
75) Fluoranthene	12.63	202	235806	11.322	ng		100
78) Pyrene	12.86	202	190822	7.121	ng		98
81) Benzo(a)anthracene	14.04	228	120303	5.367	ng		98
83) Chrysene	14.08	228	103385	4.837	ng		96
86) Indeno(1,2,3-cd)pyrene	17.03	276	42530	2.730	ng		95
88) Benzo(b)fluoranthene	15.10	252	123536	9.943	ng	#	92
89) Benzo(k)fluoranthene	15.10	252	123536	10.578	ng	#	93
90) Benzo(a)pyrene	15.47	252	61960	5.672	ng	#	92
92) Benzo(g,h,i)perylene	17.48	276	39143	4.555	ng		96

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

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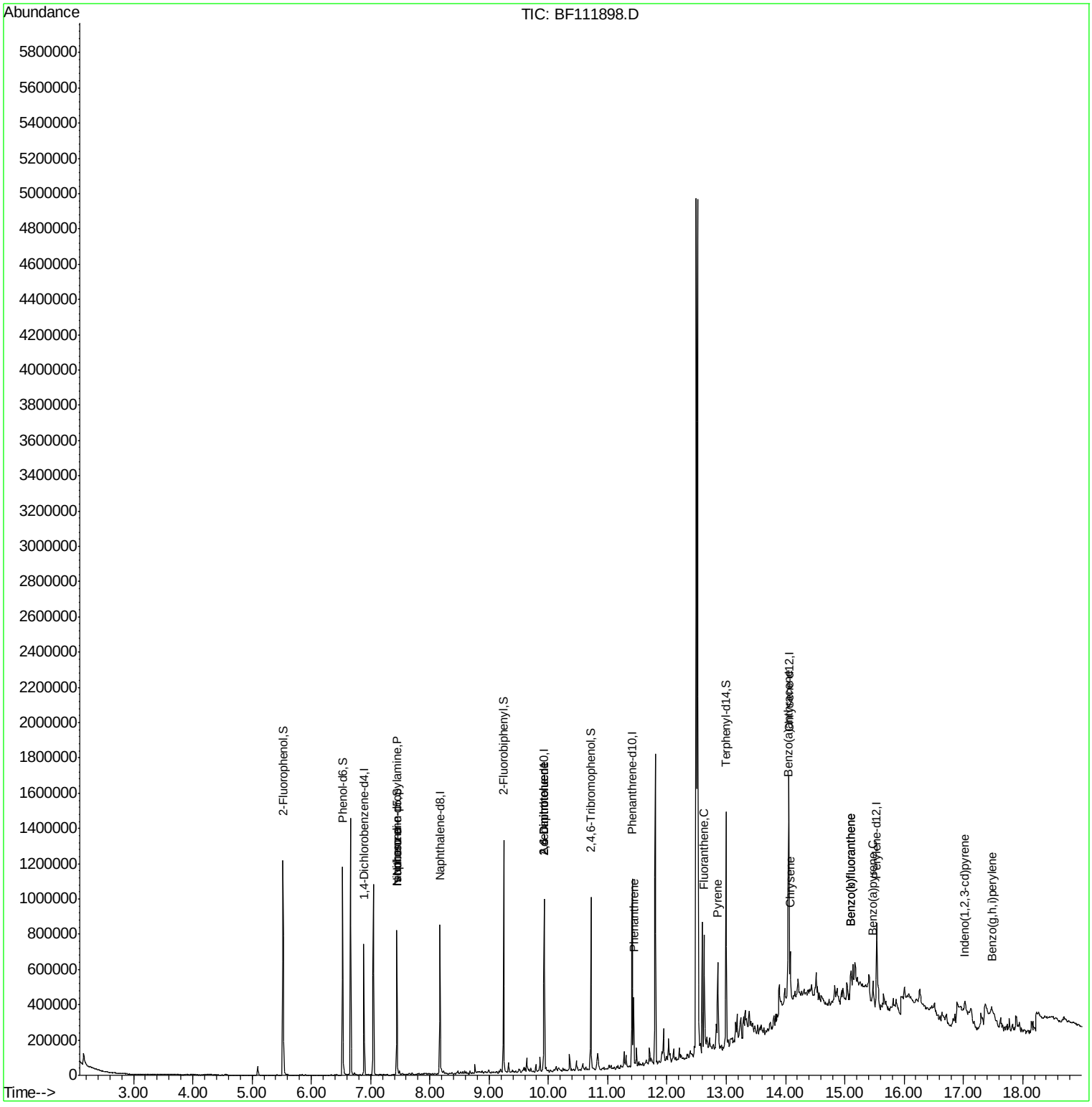
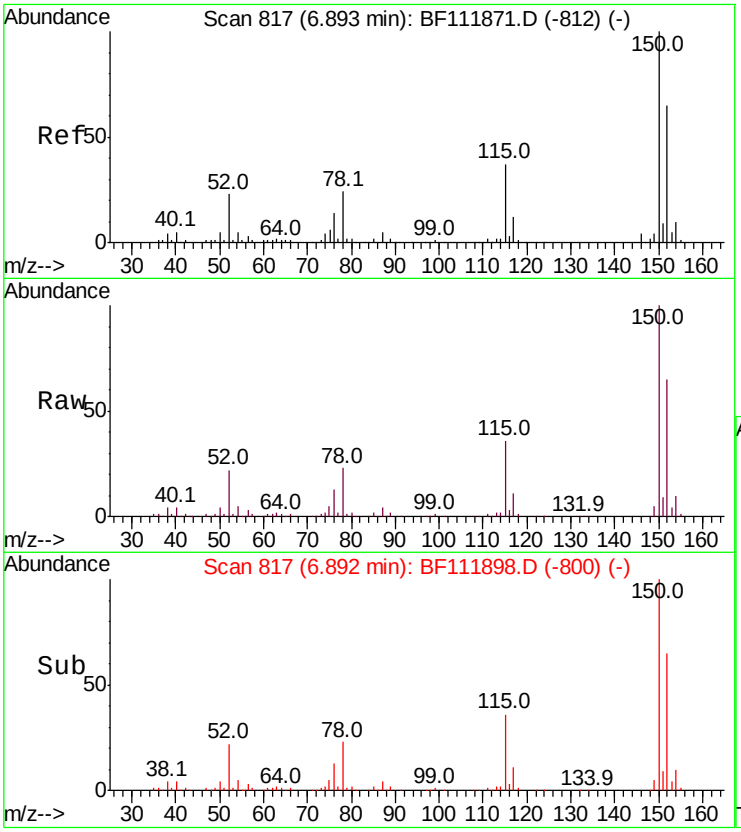


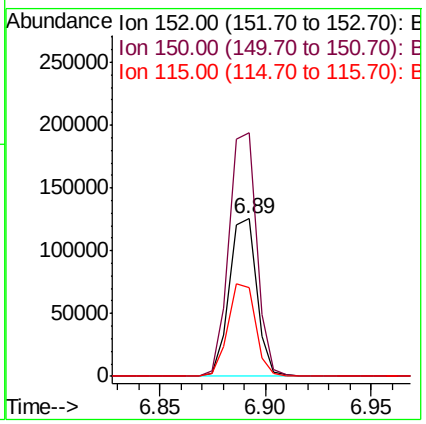


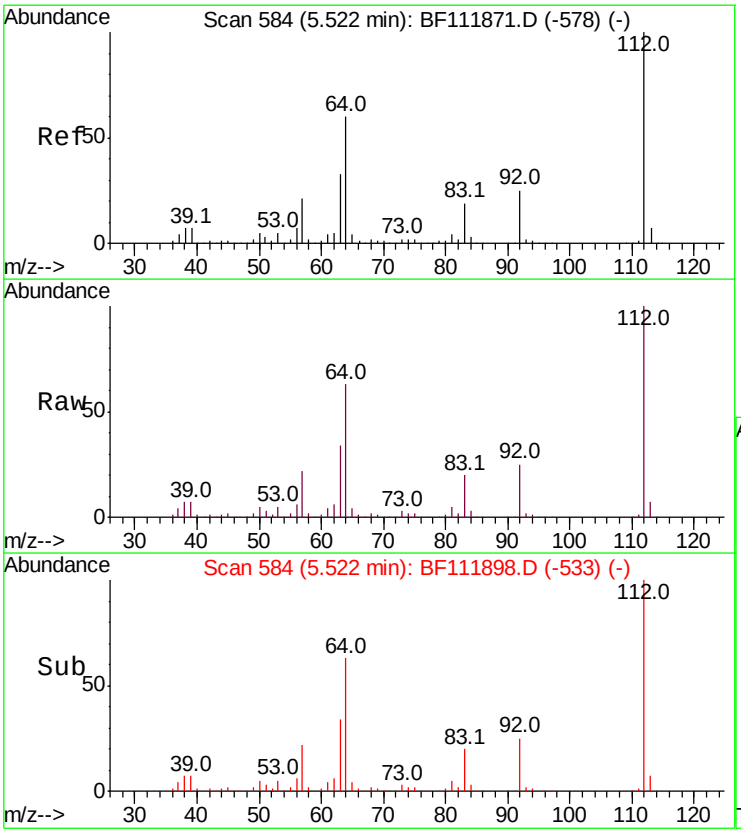
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112408

Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.7	184.1
115	56.2	45.2	67.8

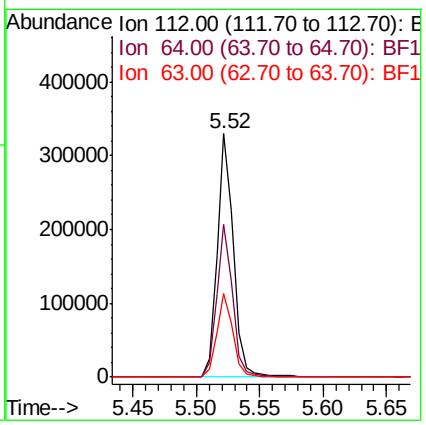


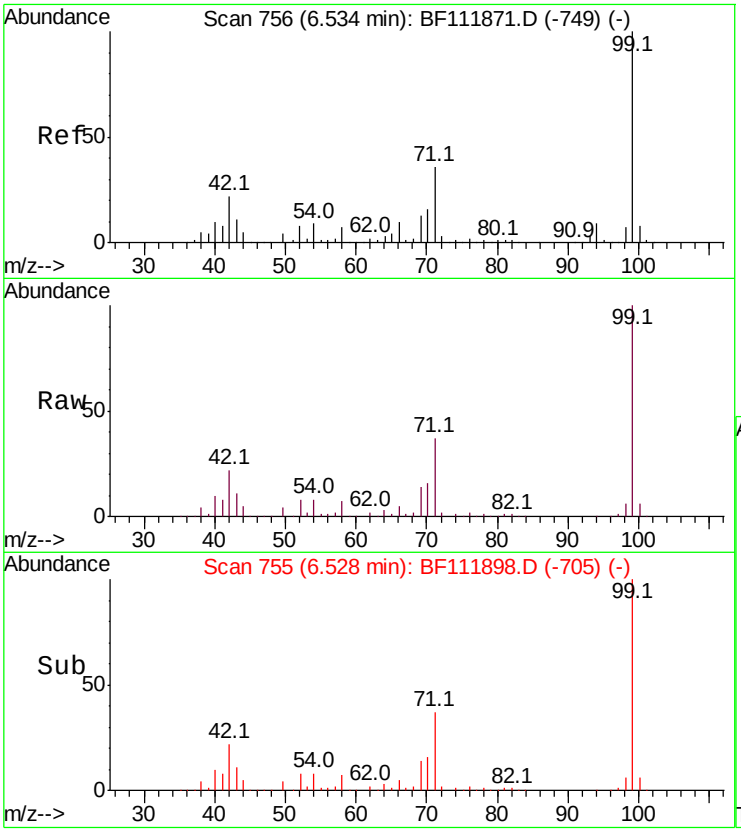


#5
2-Fluorophenol
Concen: 45.192 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion:112 Resp: 296929

Ion	Ratio	Lower	Upper
112	100		
64	62.7	48.3	72.5
63	34.5	26.1	39.1



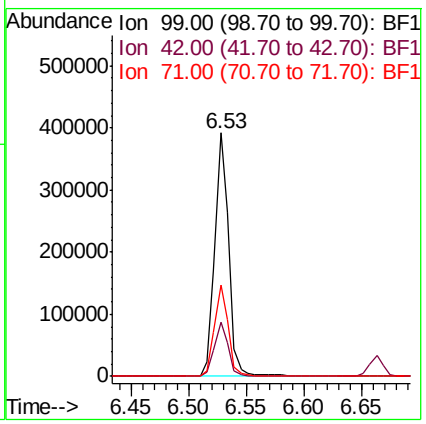


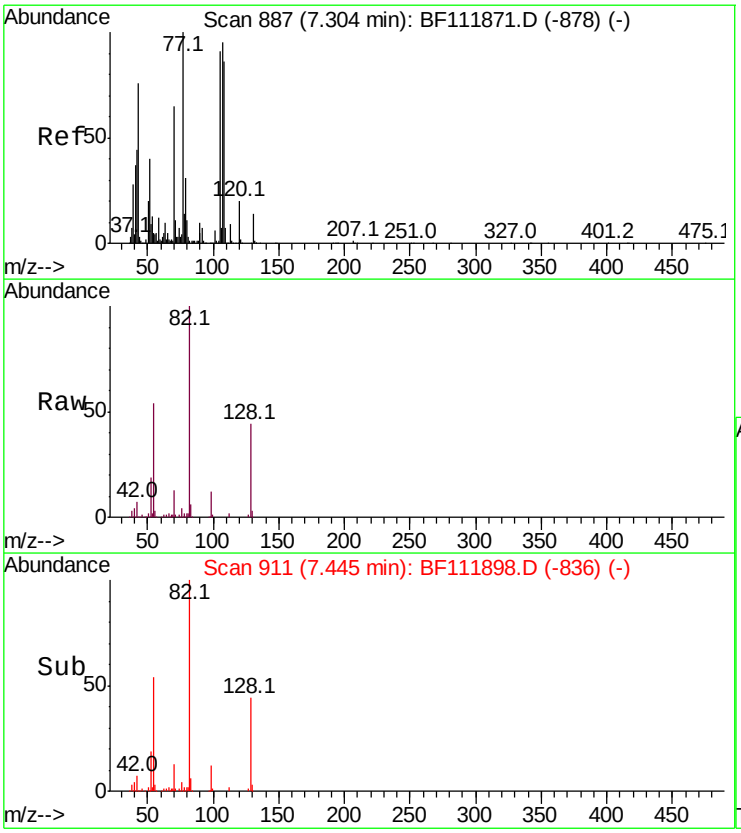
#7
Phenol-d6
Concen: 38.744 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 328100

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	37.5	28.7	43.1

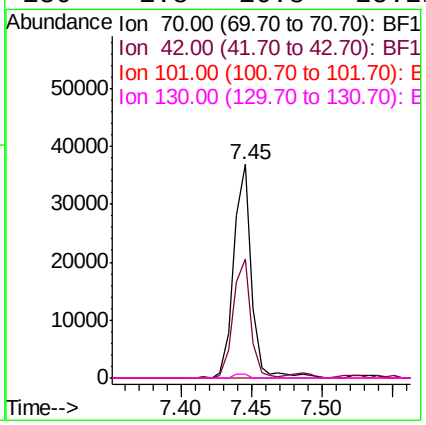


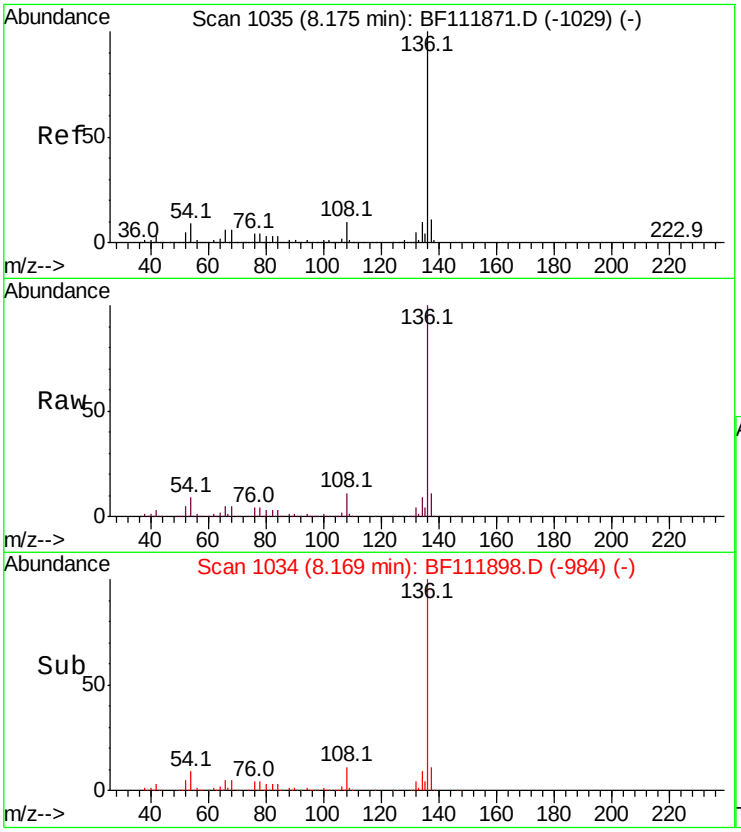


#19
n-Nitroso-di-n-propylamine
Concen: 5.875 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion: 70 Resp: 32325

Ion	Ratio	Lower	Upper
70	100		
42	55.5	53.6	80.4
101	0.0	7.3	10.9#
130	1.8	16.8	25.2#



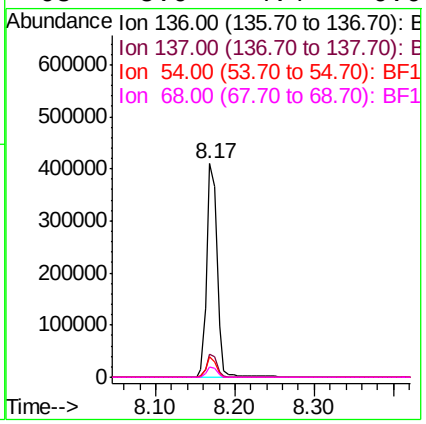


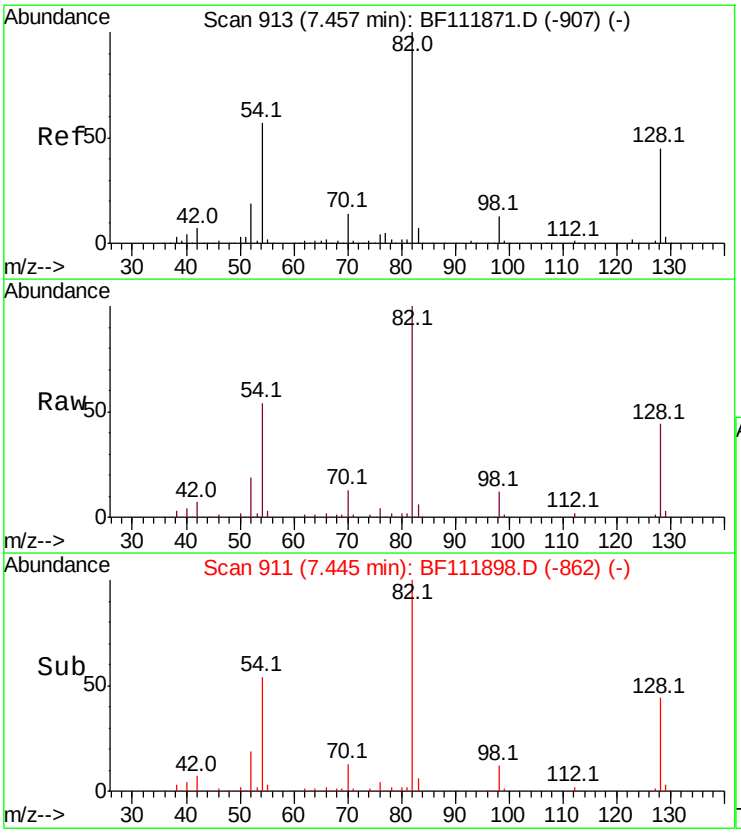
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 376853

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	9.4	7.2	10.8
68	5.0	4.4	6.6

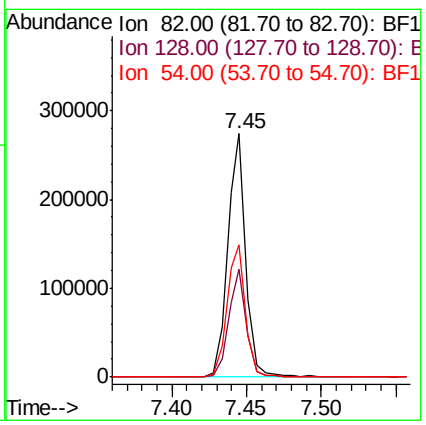


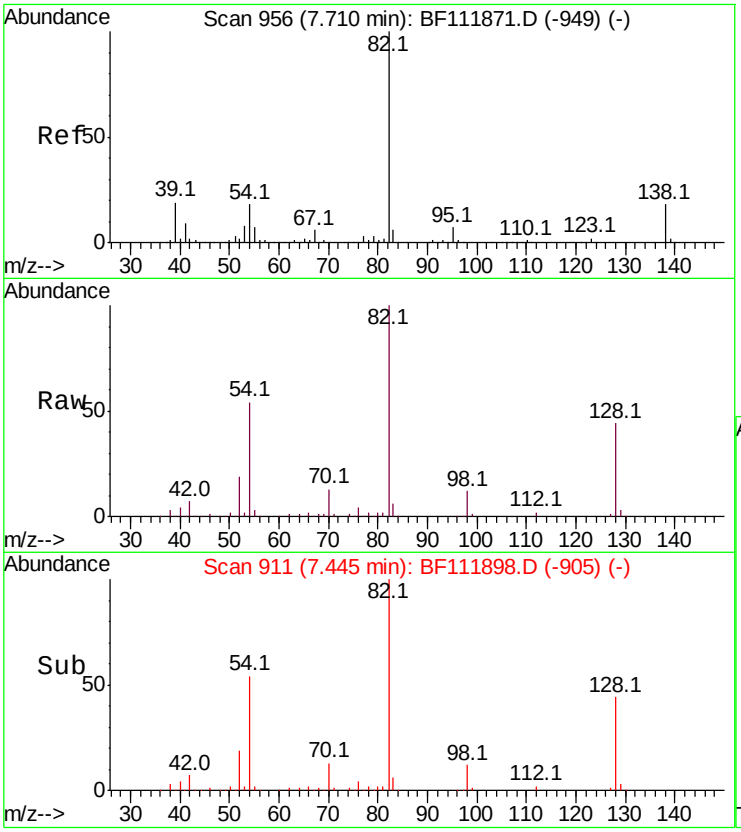


#23
Nitrobenzene-d5
Concen: 33.142 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion: 82 Resp: 233691

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.7	53.5
54	54.3	45.8	68.8

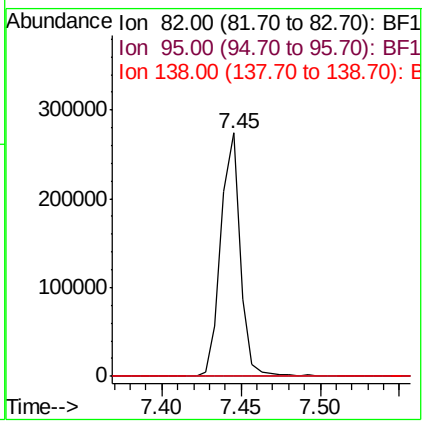




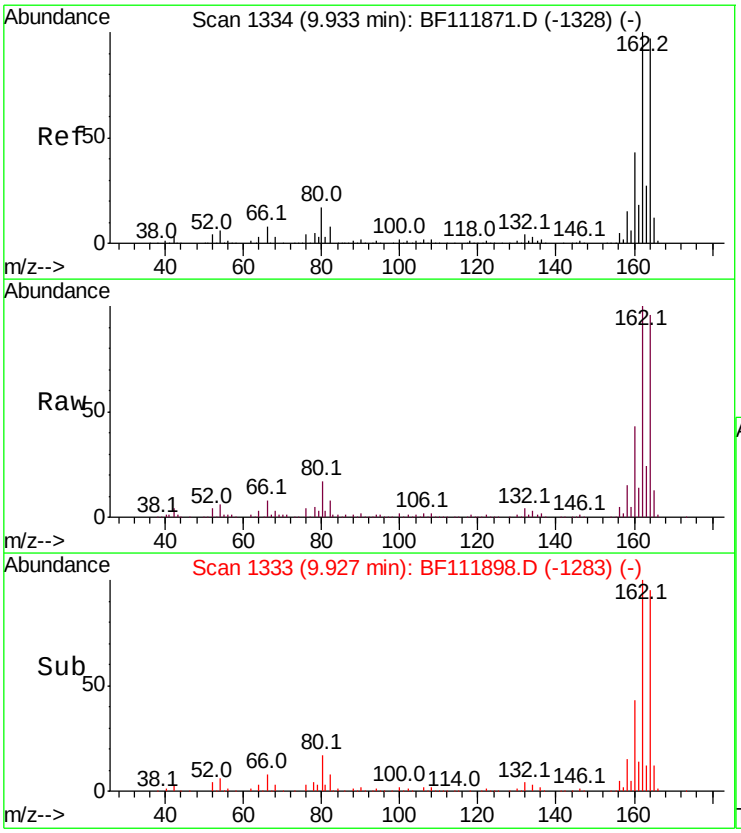
#25
Isophorone
Concen: 20.467 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion: 82 Resp: 233689

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.4	21.6#



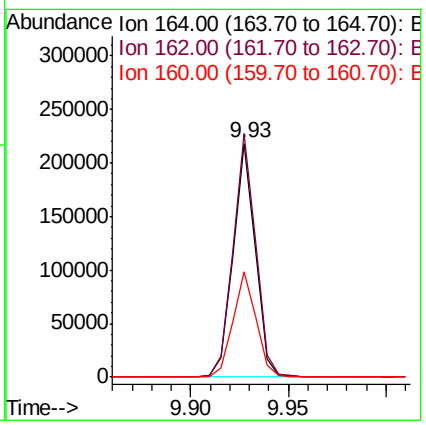
Instrument :
BNA_F
ClientSampleId :

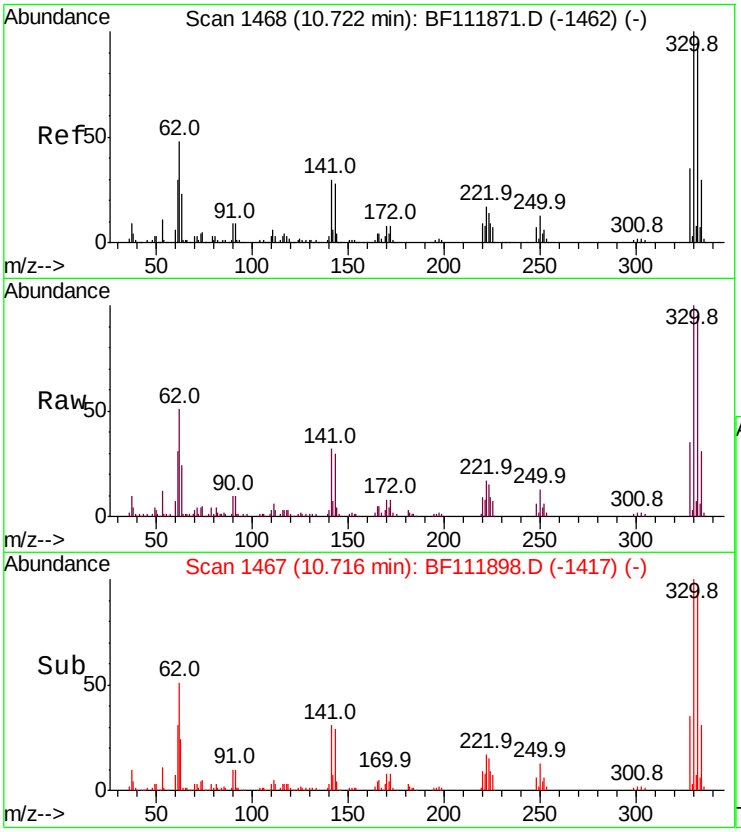


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion:164 Resp: 172069

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.2
160	45.2	35.5	53.3



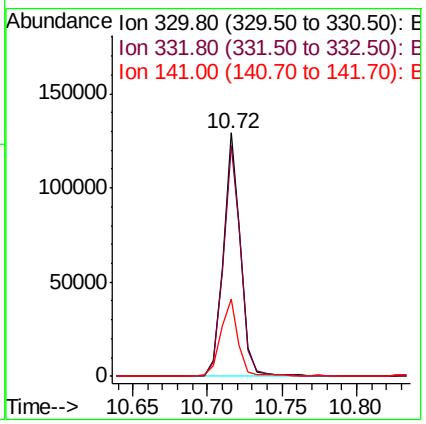


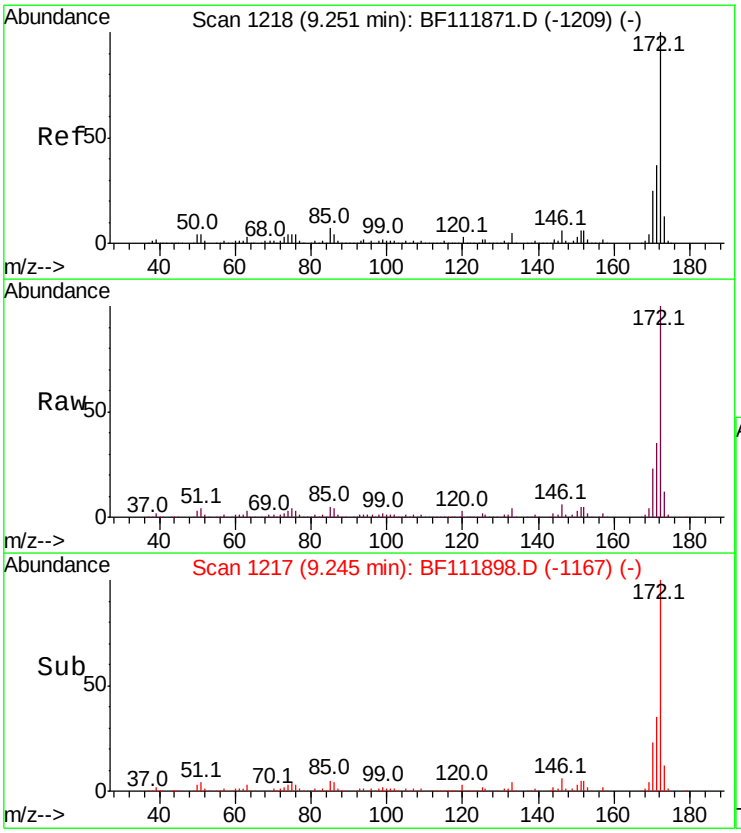
#42
2,4,6-Tribromophenol
Concen: 47.006 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 105203

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	32.8	23.7	35.5

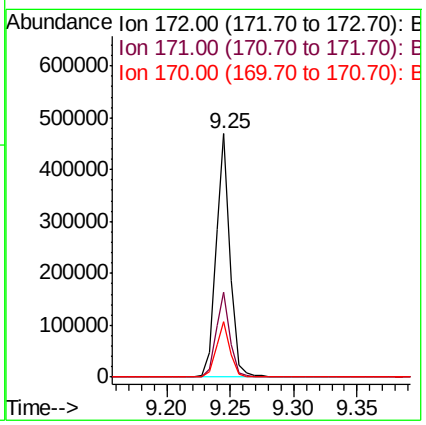


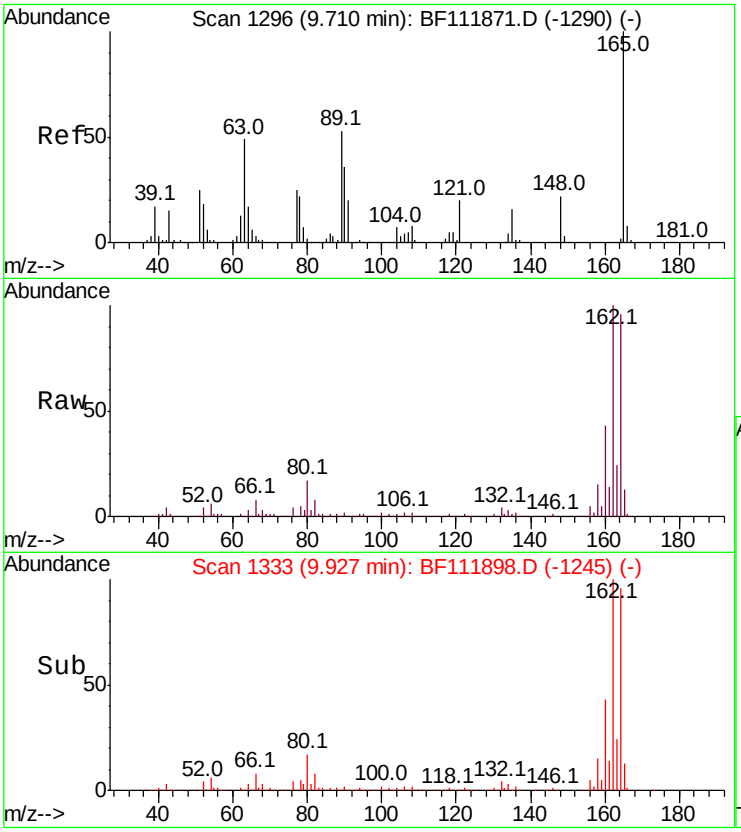


#45
2-Fluorobiphenyl
Concen: 31.026 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion:172 Resp: 366114

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	22.7	19.8	29.8



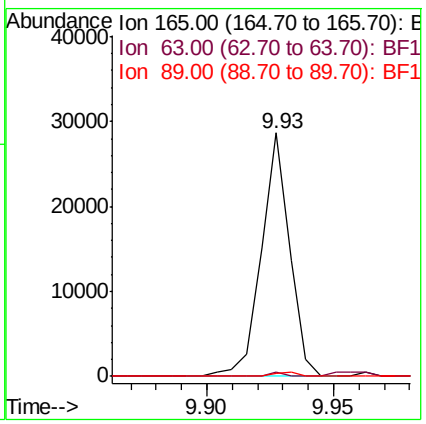


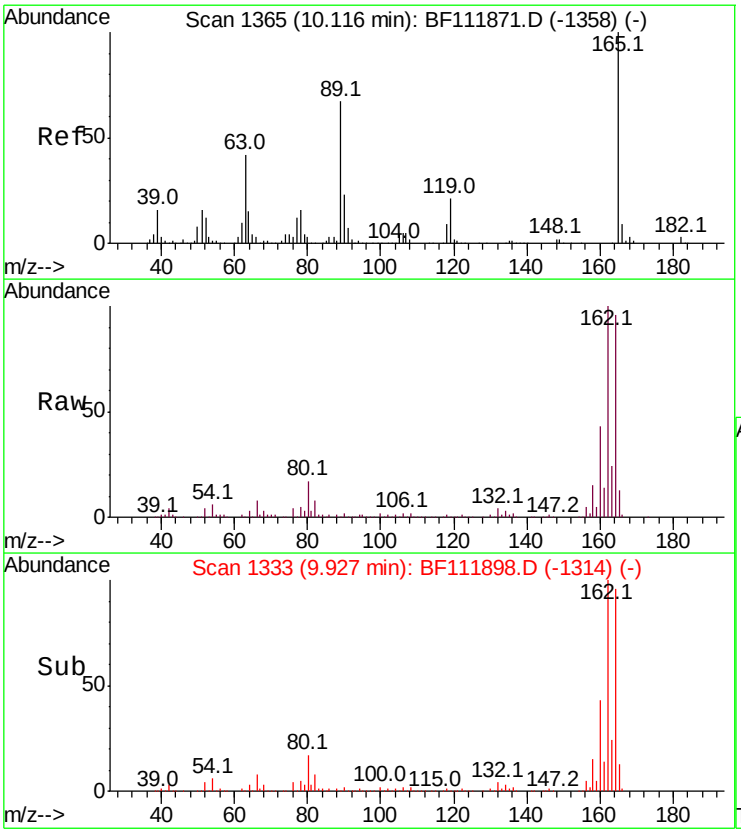
#51
2,6-Dinitrotoluene
Concen: 7.727 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22335

Ion	Ratio	Lower	Upper
165	100		
63	1.7	46.2	69.2#
89	1.1	42.2	63.2#

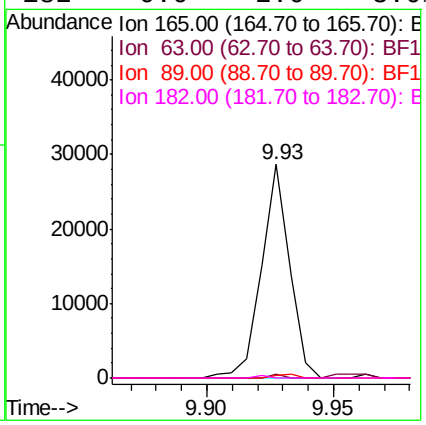


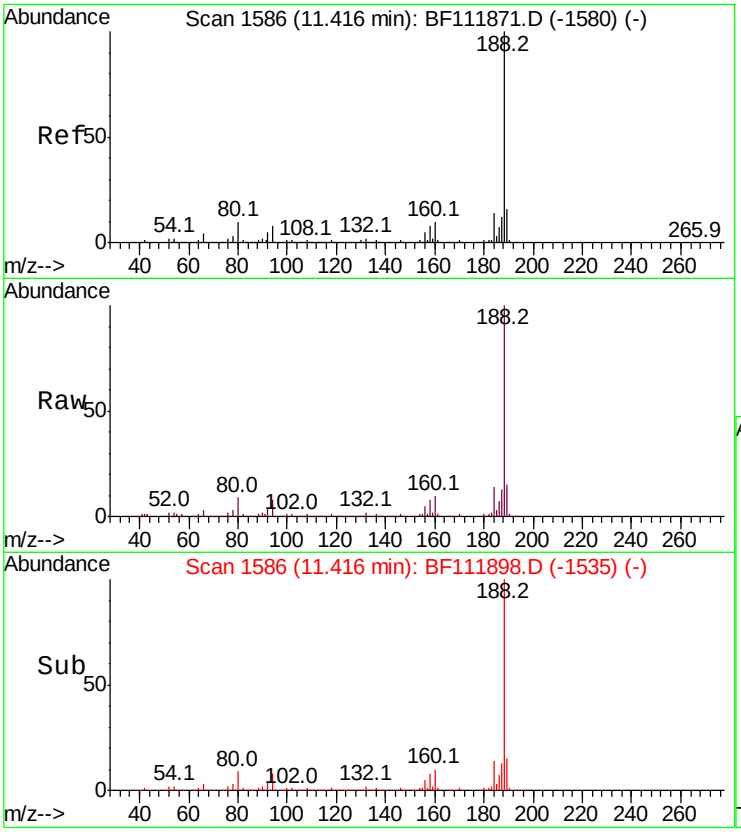


#57
2,4-Dinitrotoluene
Concen: 5.980 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion:165 Resp: 22335

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.1	51.1#
89	1.1	53.5	80.3#
182	0.0	2.0	3.0#



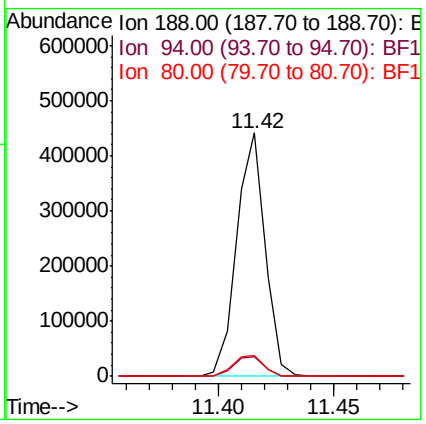


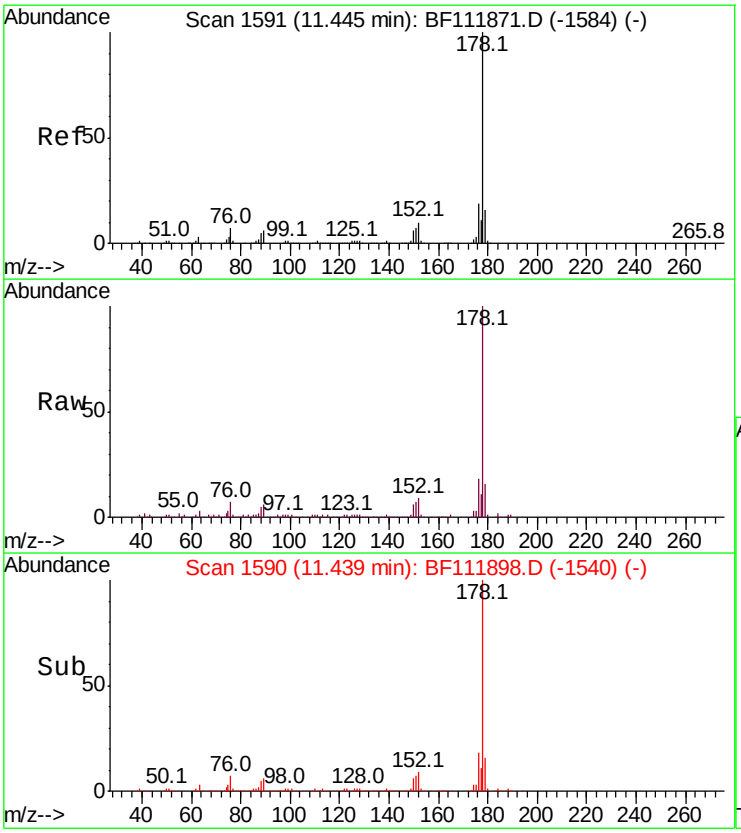
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 379476

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.6	10.0
80	8.7	7.7	11.5

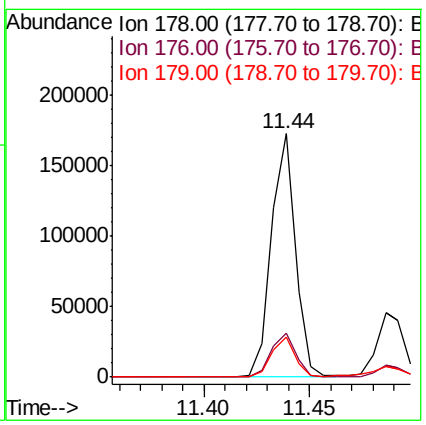


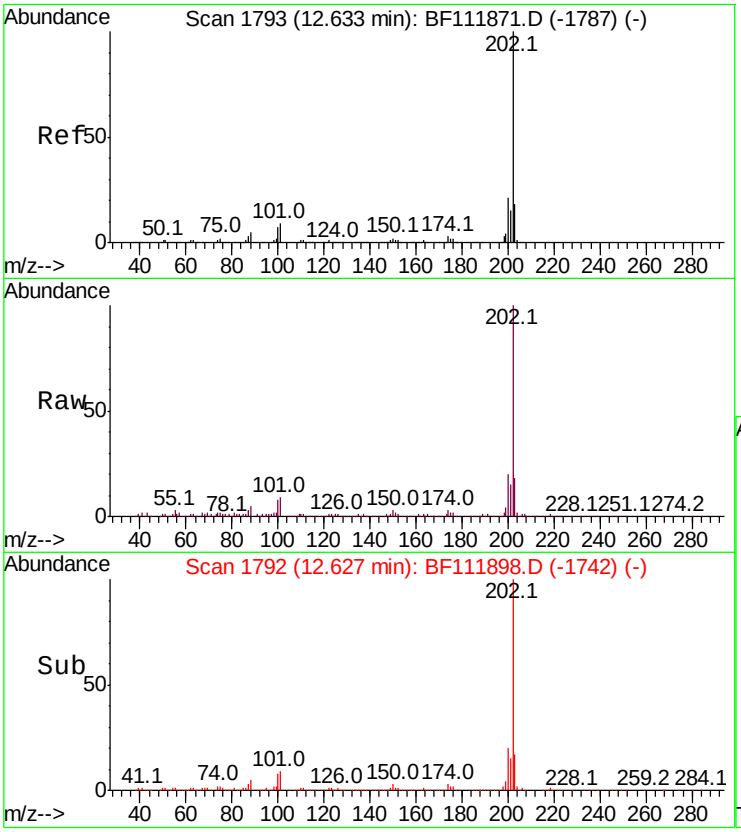


#71
Phenanthrene
Concen: 6.786 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion:178 Resp: 137684

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.6	23.4
179	16.2	12.6	18.8



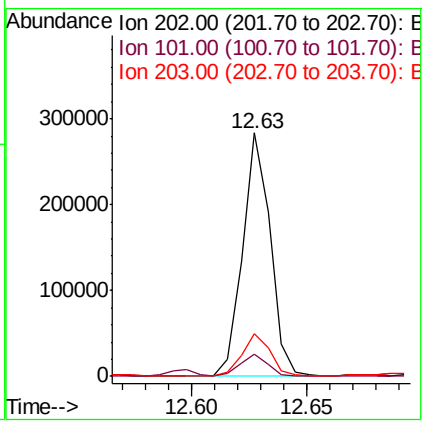


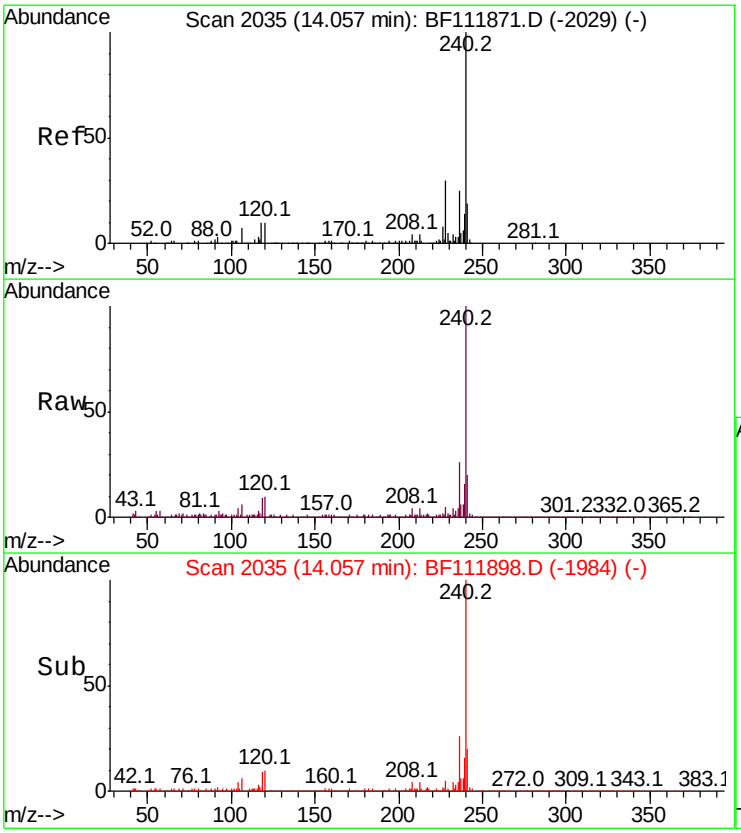
#75
Fluoranthene
Concen: 11.322 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 235806

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.3
203	17.5	0.0	37.6

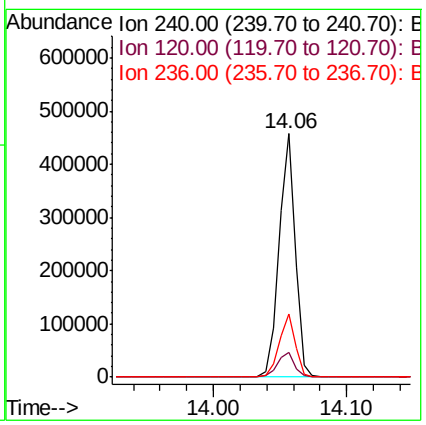


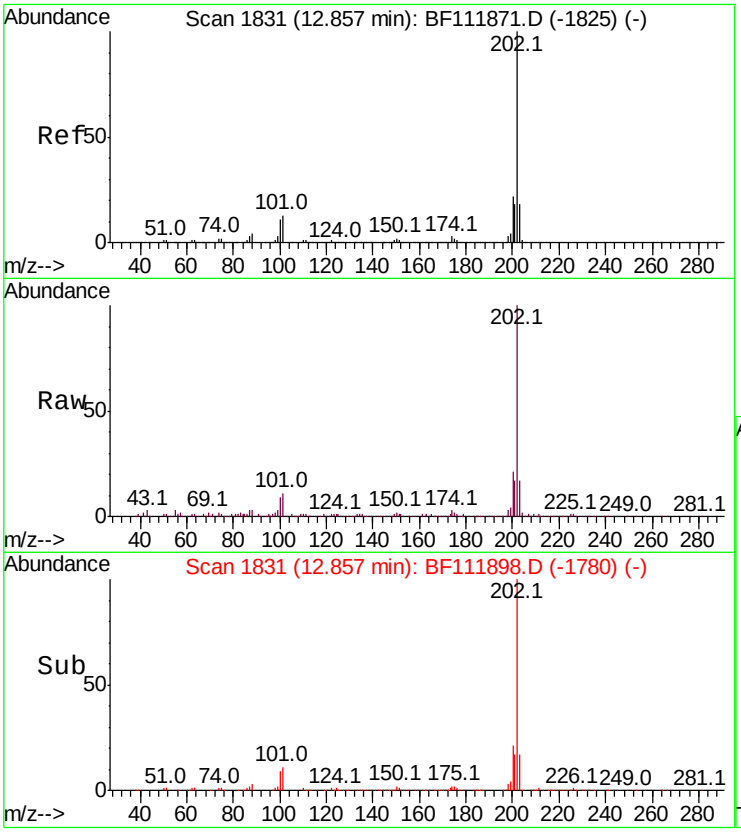


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion:240 Resp: 389477

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	25.7	20.2	30.4



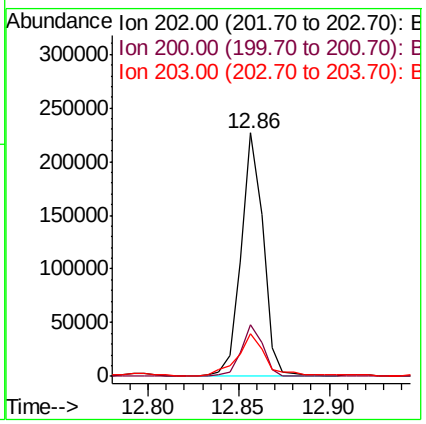


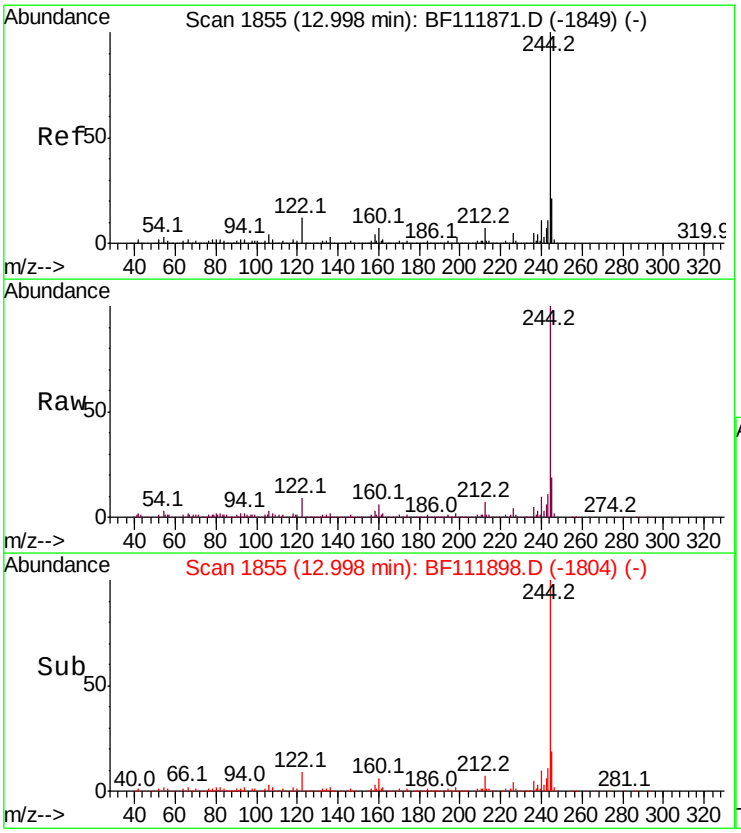
#78
Pyrene
Concen: 7.121 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 190822

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.3	14.6	21.8

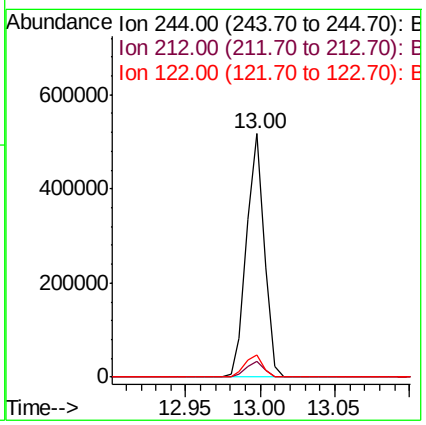


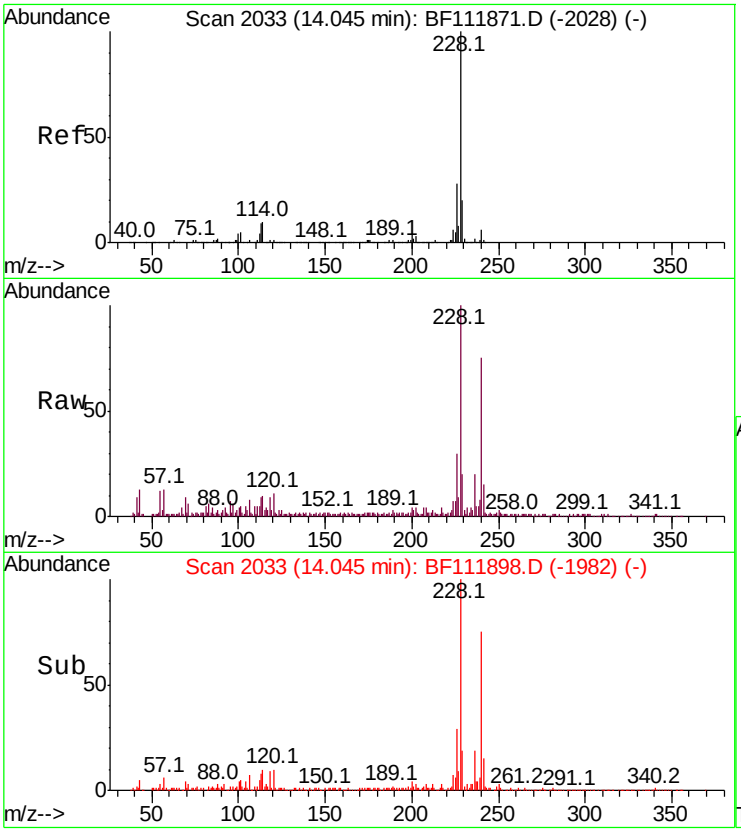


#79
Terphenyl-d14
Concen: 20.726 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion:244 Resp: 425258

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	9.2	9.5	14.3#



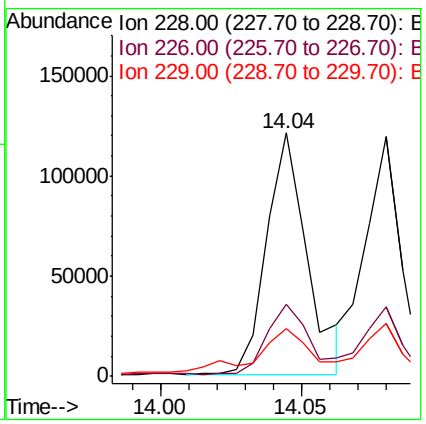


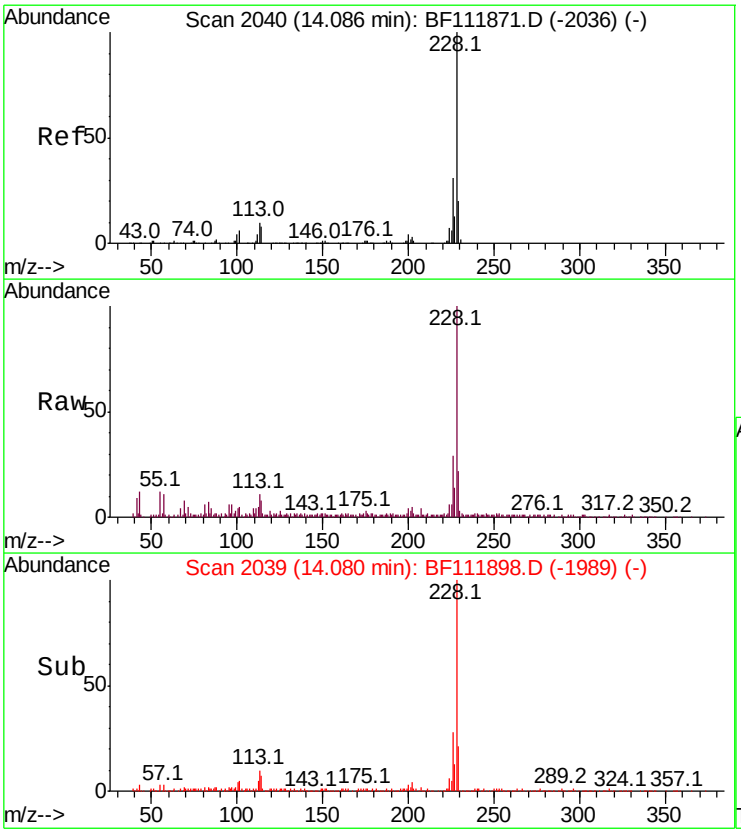
#81
Benzo(a)anthracene
Concen: 5.367 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 120303

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.2	33.2
229	19.8	16.2	24.2

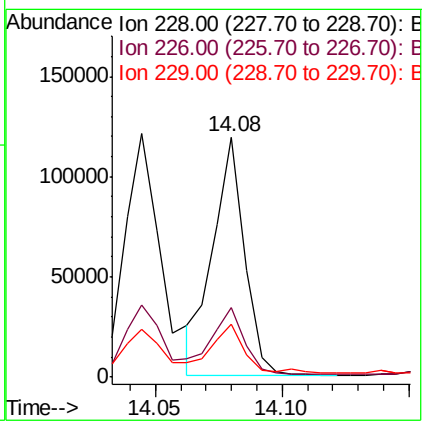


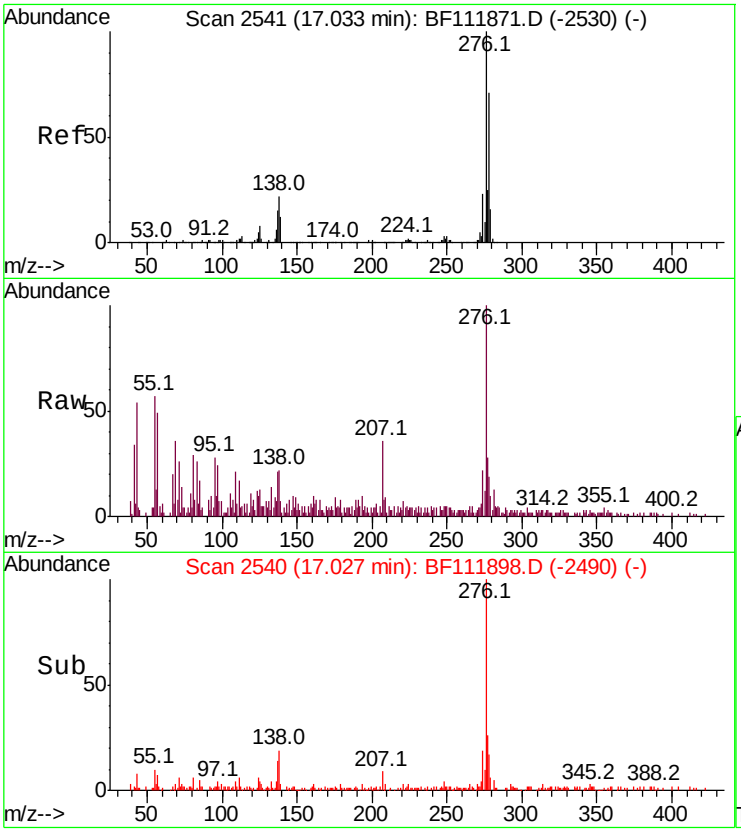


#83
Chrysene
Concen: 4.837 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion:228 Resp: 103385

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.6	37.0
229	21.9	15.7	23.5



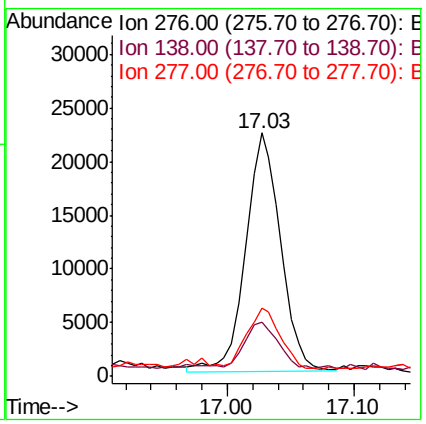


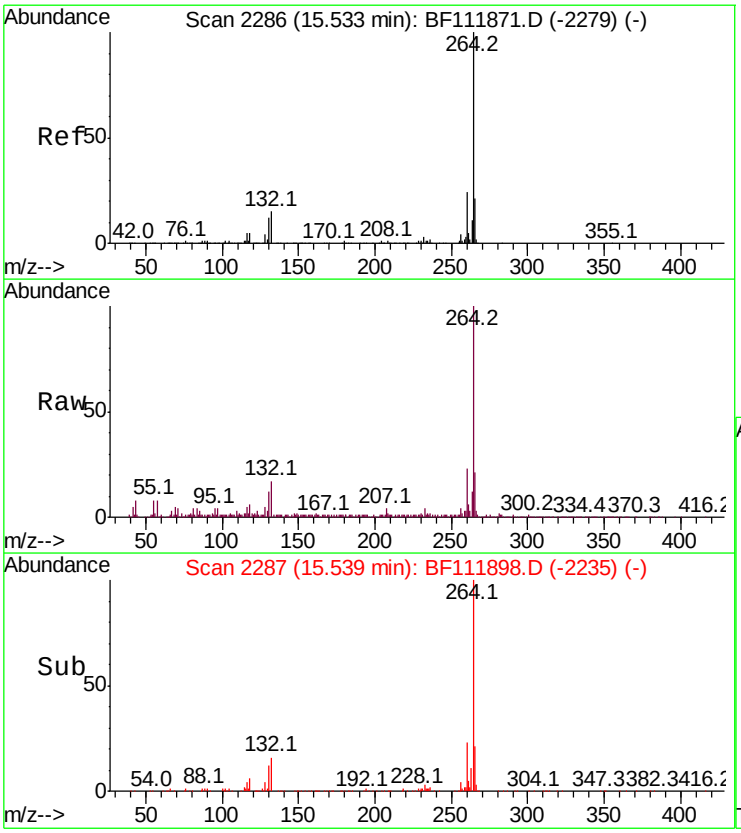
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.730 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 42530

Ion	Ratio	Lower	Upper
276	100		
138	18.7	18.1	27.1
277	25.6	19.9	29.9

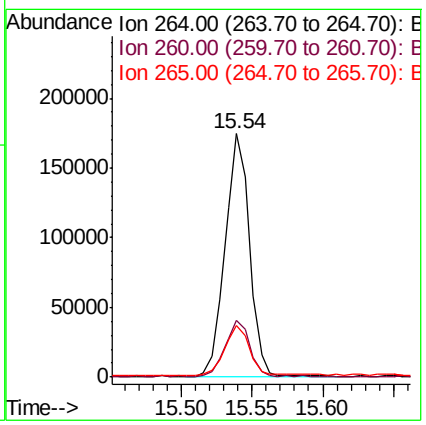


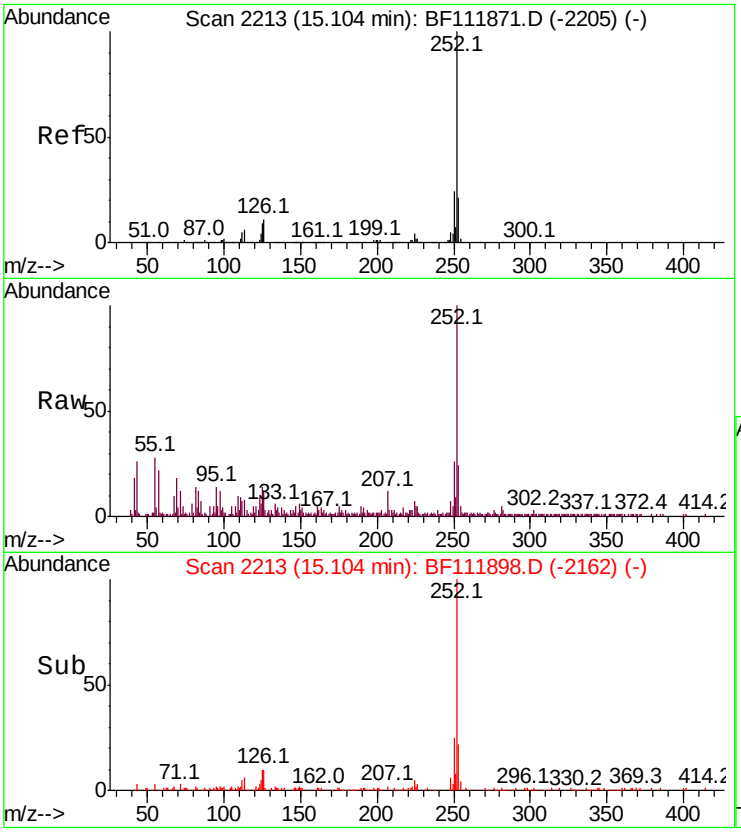


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion:264 Resp: 207705

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.1	25.7



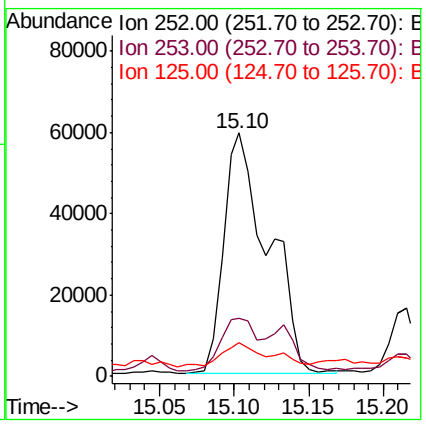


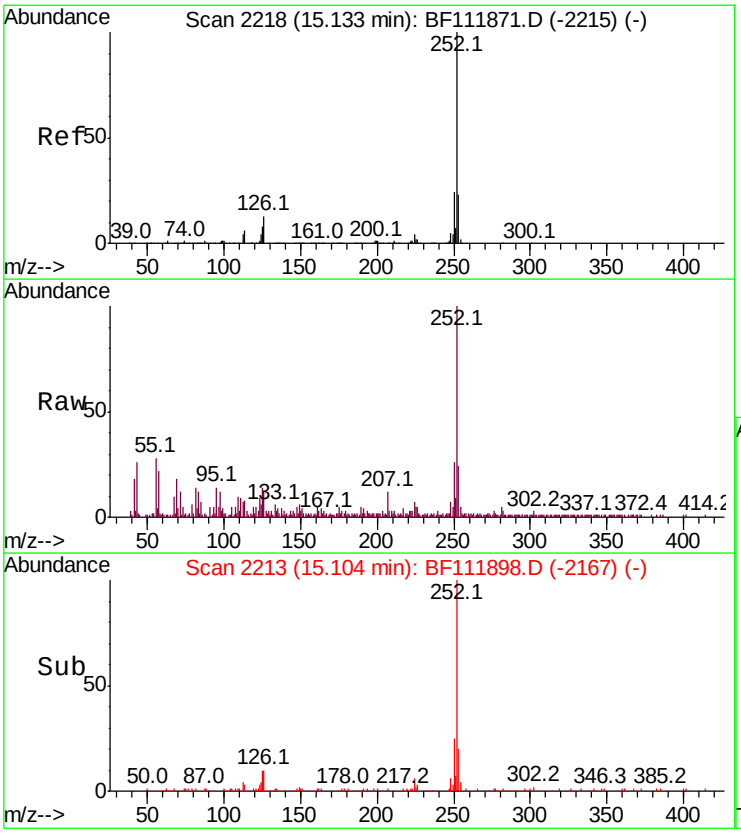
#88
Benzo(b)fluoranthene
Concen: 9.943 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 123536

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	13.9	7.1	10.7#

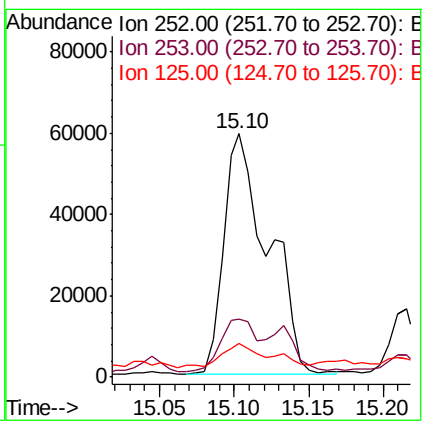


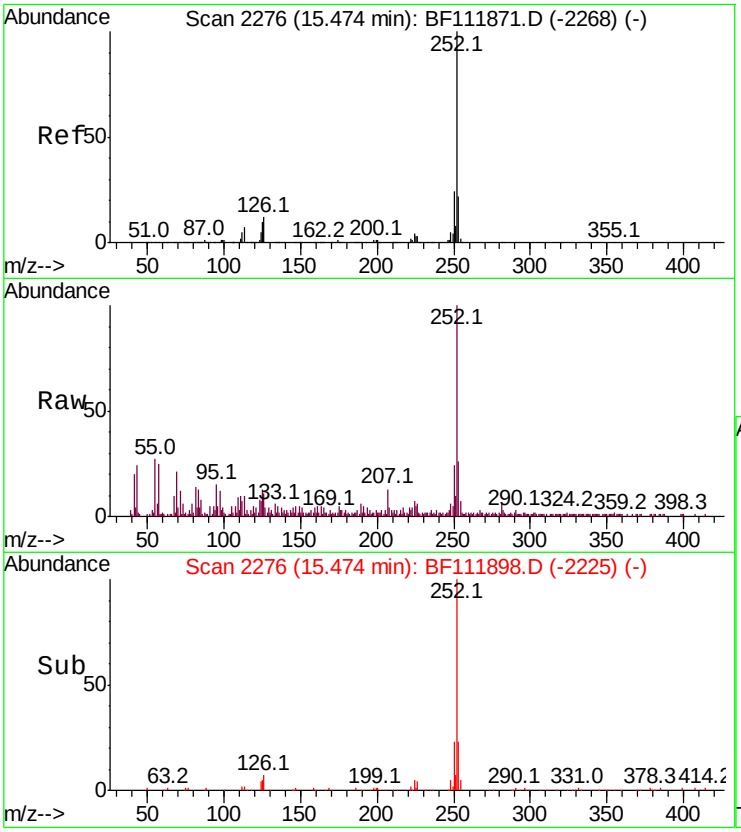


#89
Benzo(k)fluoranthene
Concen: 10.578 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion:252 Resp: 123536

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	13.9	7.0	10.4#



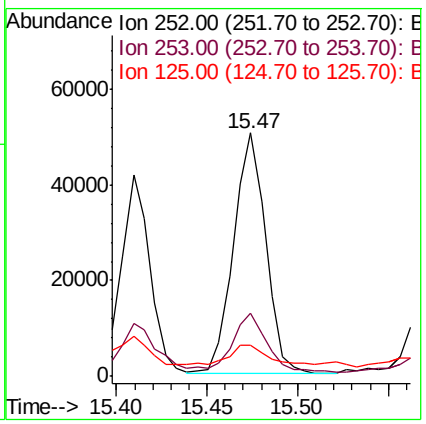


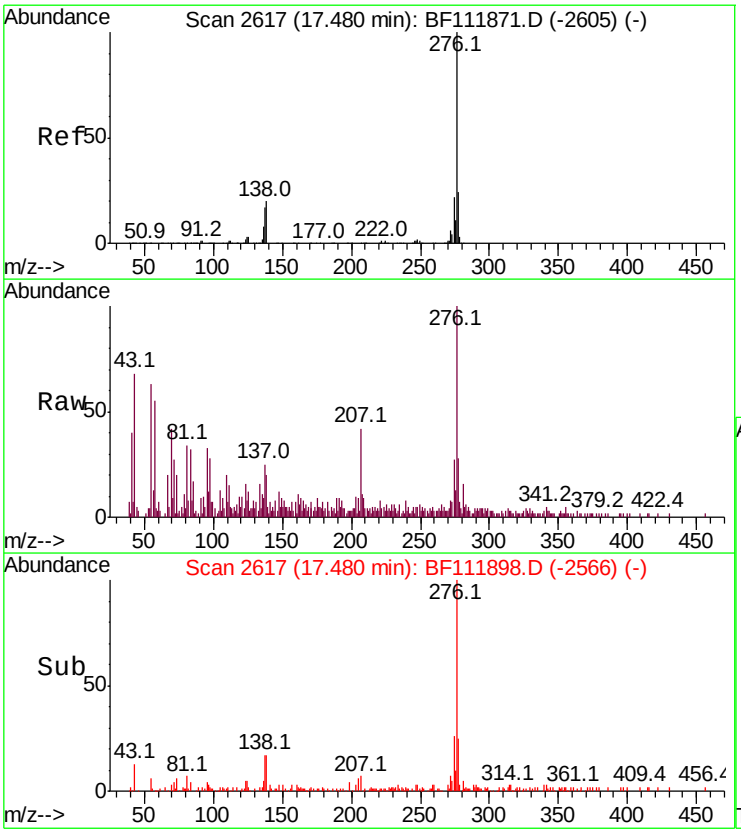
#90
Benzo(a)pyrene
Concen: 5.672 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 61960

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.4	26.2
125	12.6	7.9	11.9#





#92
Benzo(g,h,i)perylene
Concen: 4.555 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BF111898.D
Acq: 8 Jan 2019 1:09

Tgt Ion:276 Resp: 39143

Ion	Ratio	Lower	Upper
276	100		
277	27.6	19.0	28.6
138	19.9	16.2	24.2