Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
Data File : BF113331.D
Acq On : 27 Mar 2019 15:22
Operator : JU/SJ
Sample : K2086-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-11

Quant Time: Mar 28 01:07:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	192288	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	726424	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	349088	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	635841	20.00	ng	0.00
76) Chrysene-d12	13.84	240	411713	20.00	ng	0.00
87) Perylene-d12	15.24	264	473232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1147393	97.57	ng	0.00
7) Phenol-d6	6.35	99	1505273	101.18	ng	0.00
23) Nitrobenzene-d5	7.26	82	916325	74.87	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	366783	85.06	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1641954	70.77	ng	0.00
79) Terphenyl-d14	12.79	244	1439841	77.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	120013	12.843	ng	# 78
20) 3+4-Methylphenols	7.15	107	2576	Below Cal		# 88
25) Isophorone	7.26	82	903165	38.079	ng	# 64
49) Acenaphthylene	9.59	152	118798	3.273	ng	97
50) Dimethylphthalate	9.45	163	154977	5.991	ng	99
57) 2,4-Dinitrotoluene	9.73	165	44562	6.004	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	20737	2.992	ng	# 1
71) Phenanthrene	11.23	178	360626	11.421	ng	98
72) Anthracene	11.29	178	244647	7.628	ng	99
73) Carbazole	11.44	167	237680	7.766	ng	99
75) Fluoranthene	12.42	202	2018824	56.556	ng	98
78) Pyrene	12.65	202	1847349	64.750	ng	99
81) Benzo(a)anthracene	13.83	228	799578	33.928	ng	95
83) Chrysene	13.87	228	1303077	54.436	ng	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	500606	24.368	ng	97
88) Benzo(b)fluoranthene	14.86	252	2384965	81.129	ng	98
89) Benzo(k)fluoranthene	14.86	252	2384965	92.383	ng	97
90) Benzo(a)pyrene	15.19	252	597880	22.941	ng	96
91) Dibenzo(a,h)anthracene	16.42	278	76338	3.388	ng	94
92) Benzo(g,h,i)perylene	17.00	276	422124	18.578	ng	98

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

Quantitation Report (Not Reviewed)

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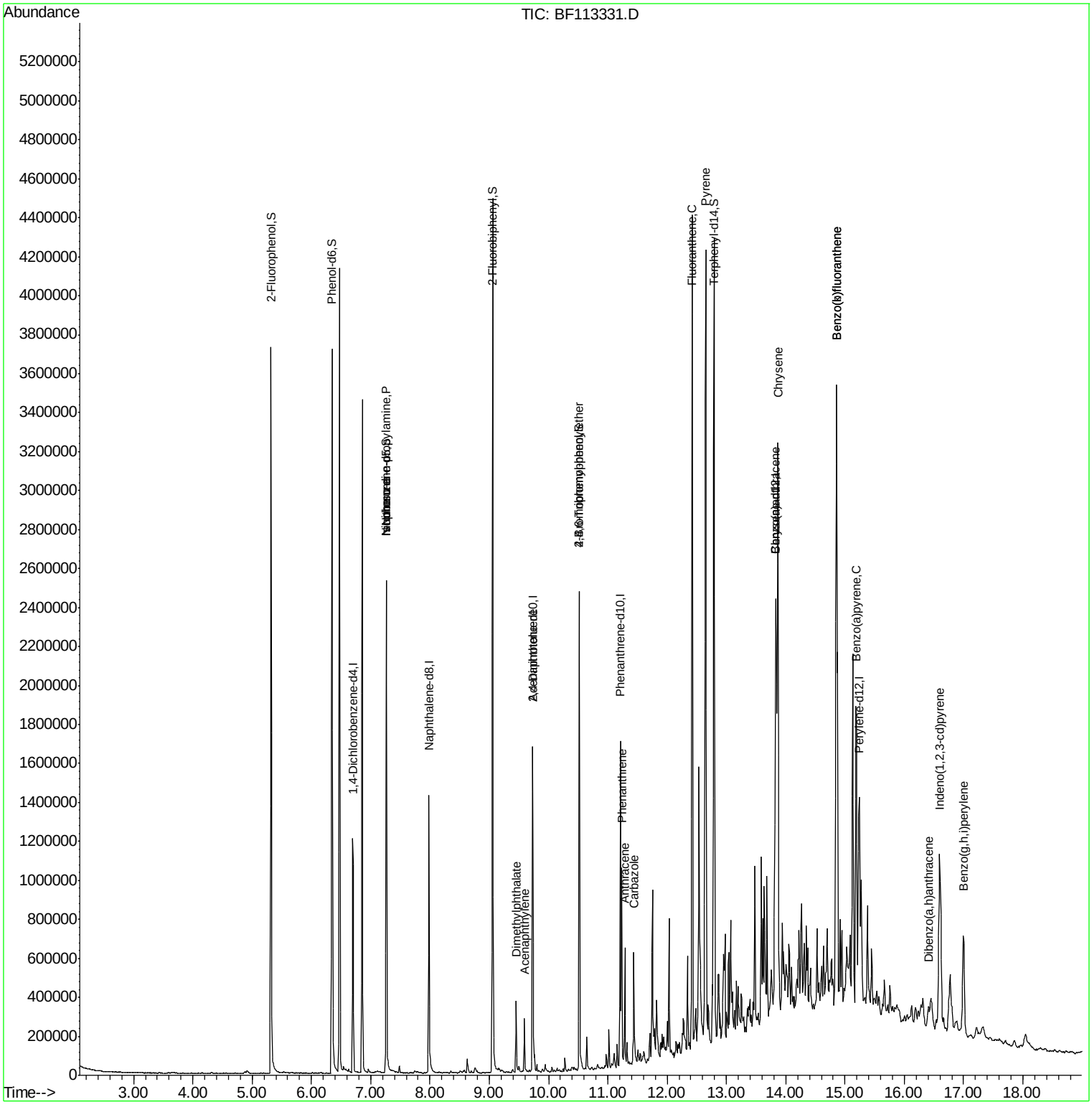
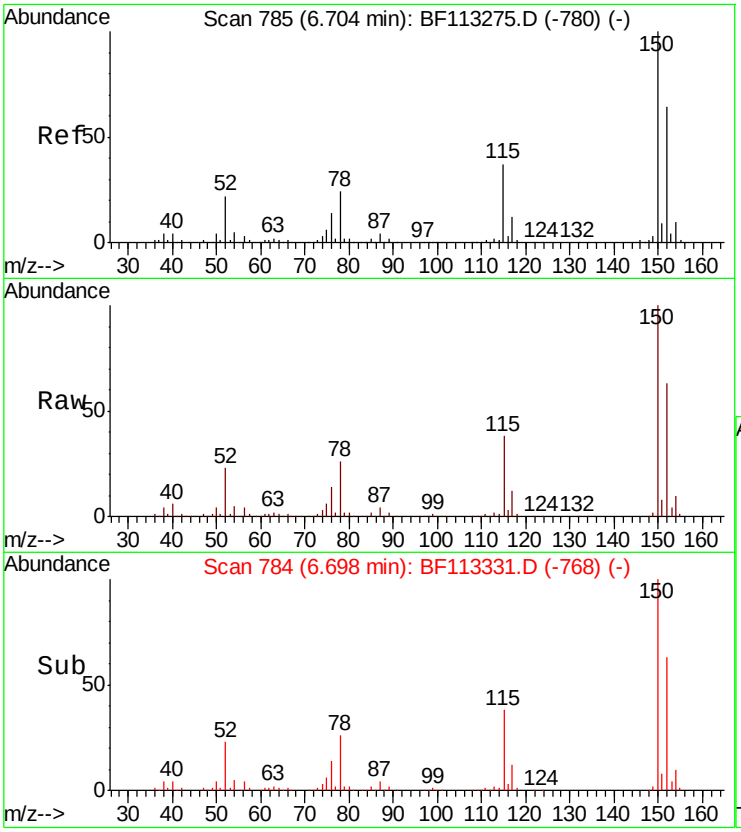


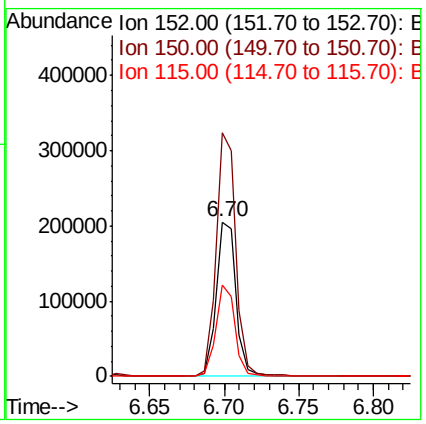


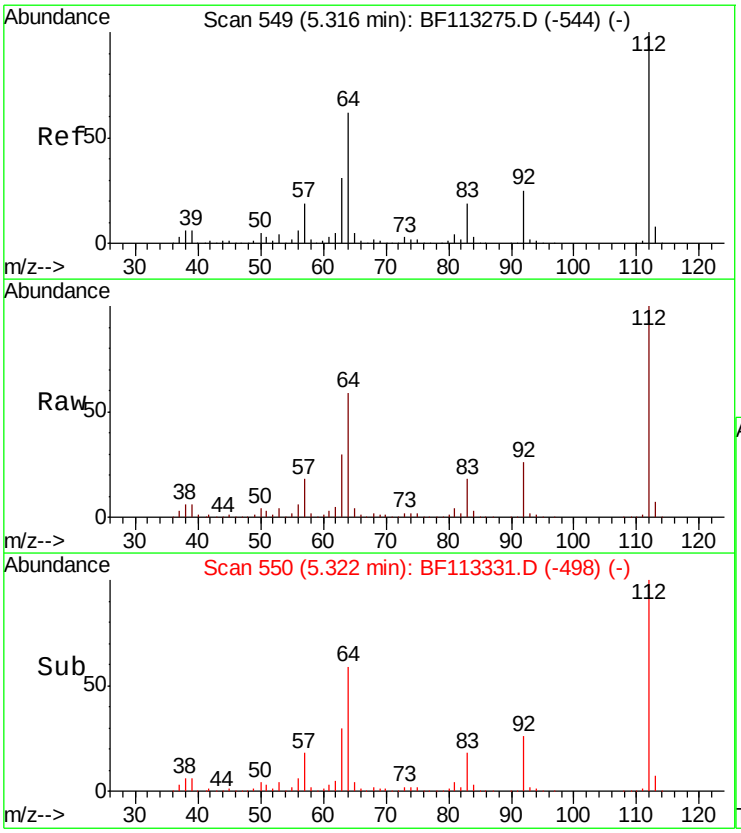
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:152 Resp: 192288

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.7	187.1
115	59.2	46.0	69.0

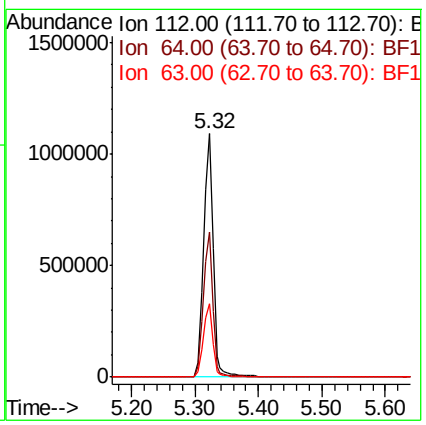


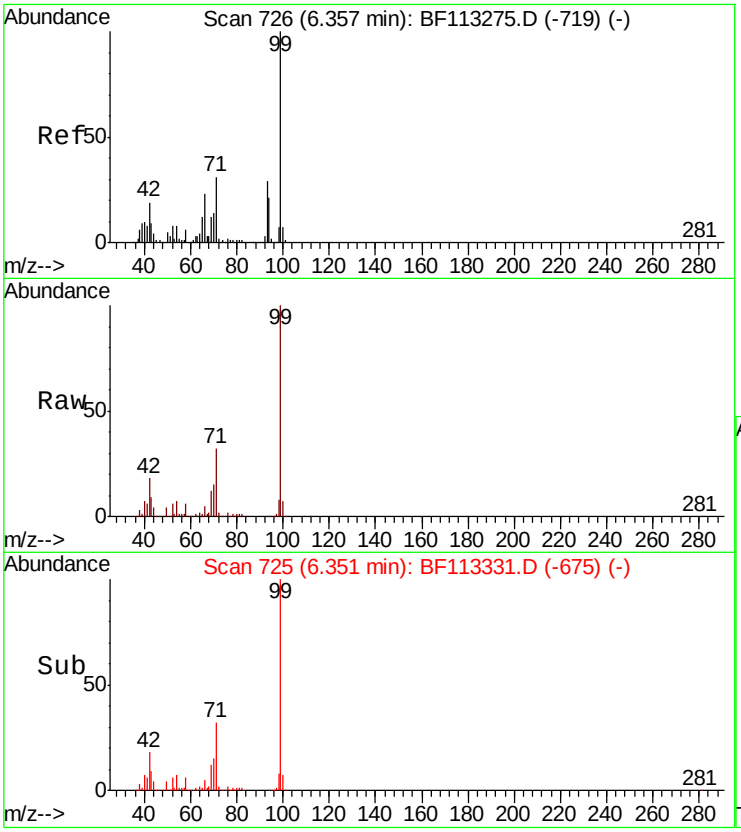


#5
2-Fluorophenol
Concen: 97.569 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:112 Resp: 1147393

Ion	Ratio	Lower	Upper
112	100		
64	59.4	49.2	73.8
63	30.2	24.9	37.3



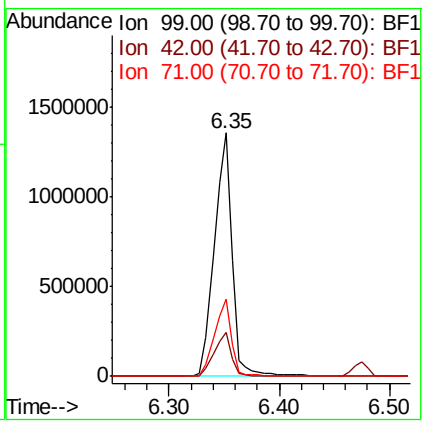


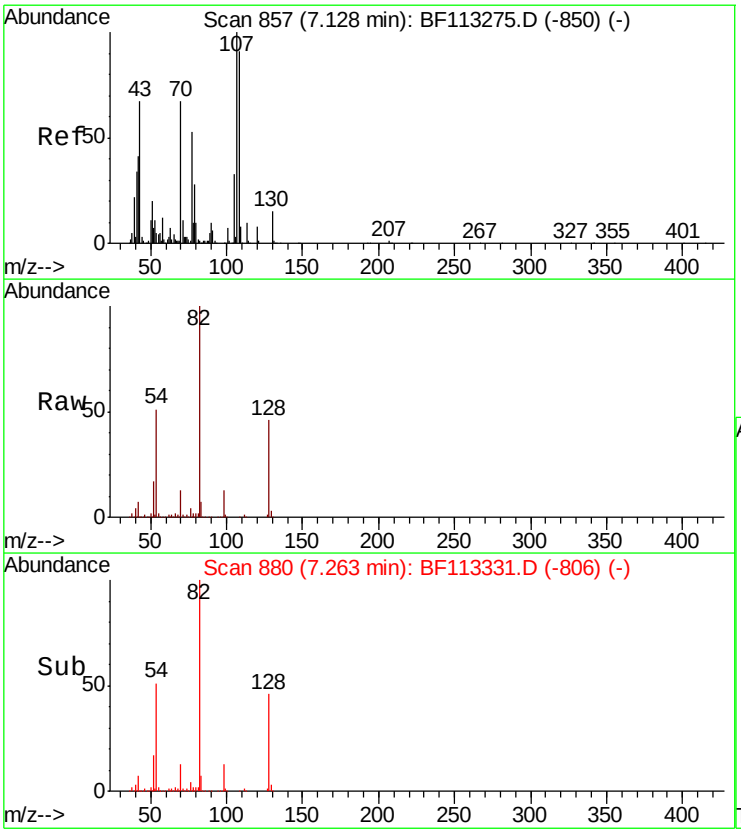
#7
Phenol-d6
Concen: 101.182 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion: 99 Resp: 1505273

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	31.6	24.9	37.3

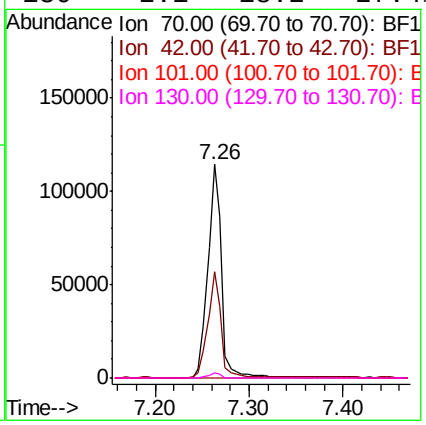


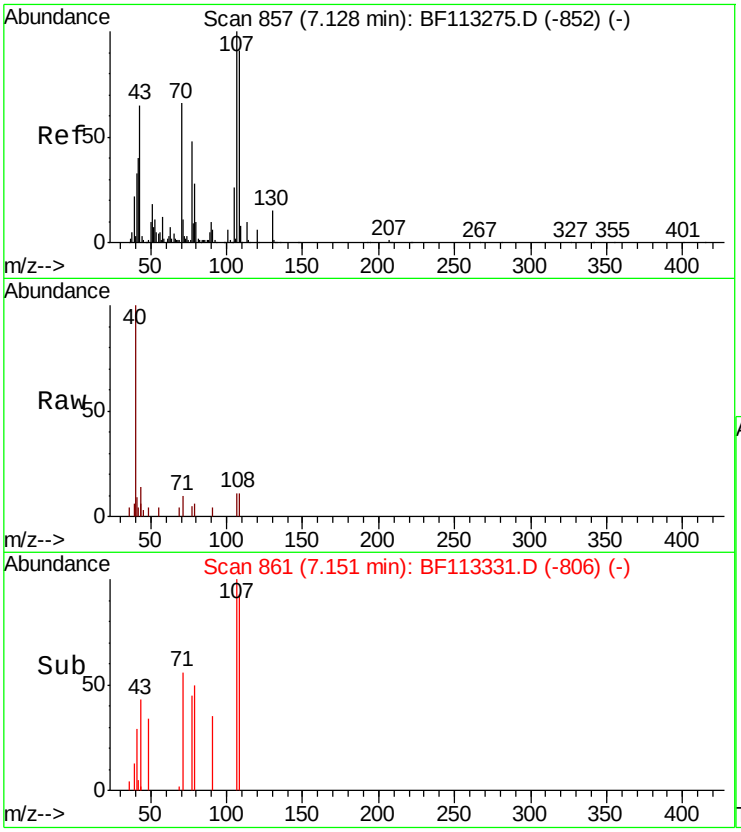


#19
n-Nitroso-di-n-propylamine
Concen: 12.843 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion: 70 Resp: 120013

Ion	Ratio	Lower	Upper
70	100		
42	49.9	48.4	72.6
101	0.0	7.8	11.8#
130	2.1	18.2	27.4#



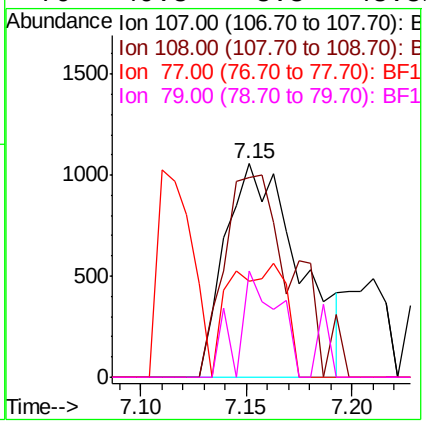


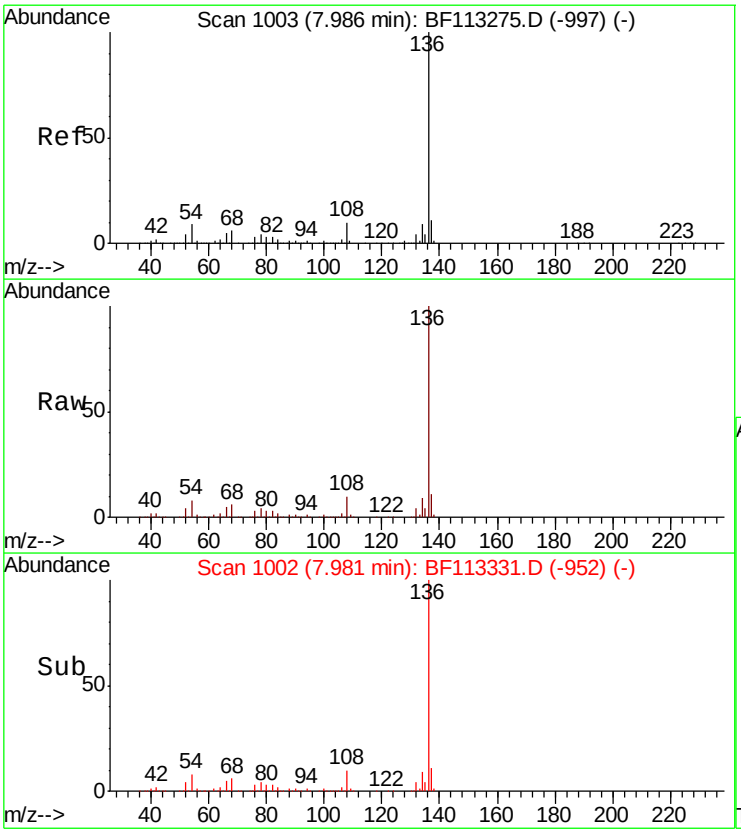
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:107 Resp: 2576

Ion	Ratio	Lower	Upper
107	100		
108	93.5	71.4	111.4
77	44.7	33.5	73.5
79	49.8	8.3	48.3#

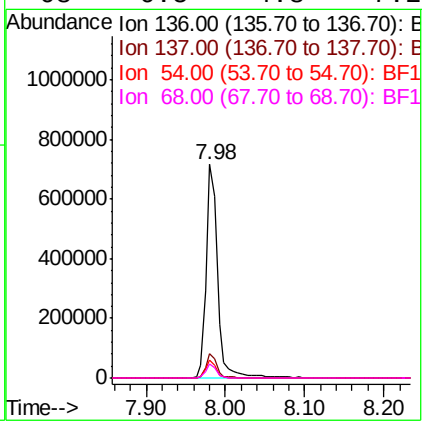


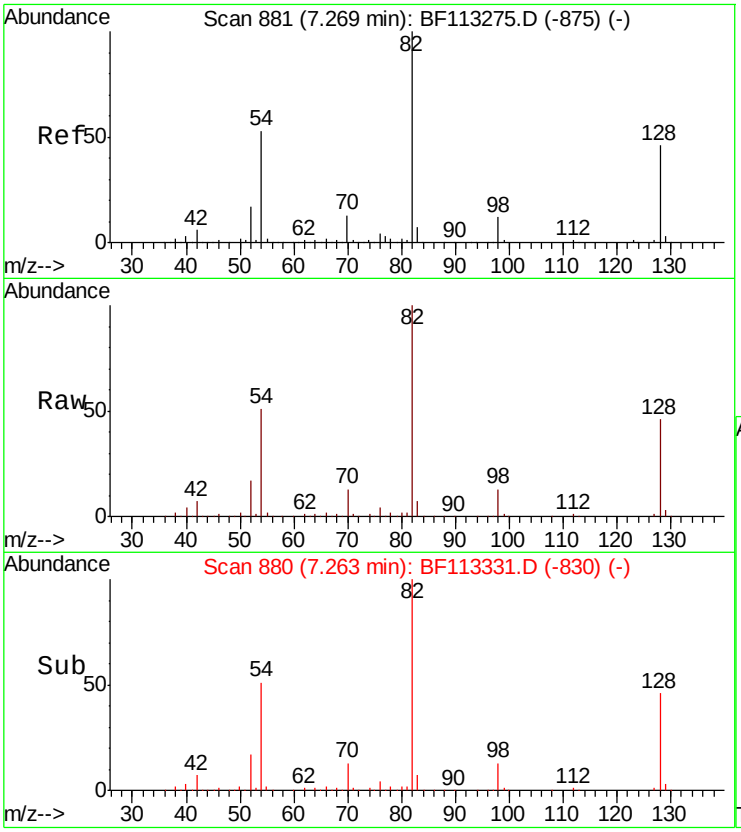


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:136 Resp: 726424

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	7.0	10.6
68	6.5	4.8	7.2



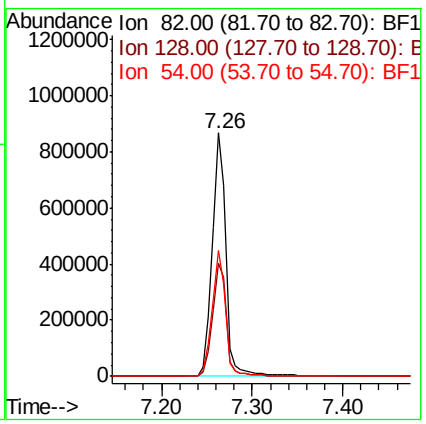


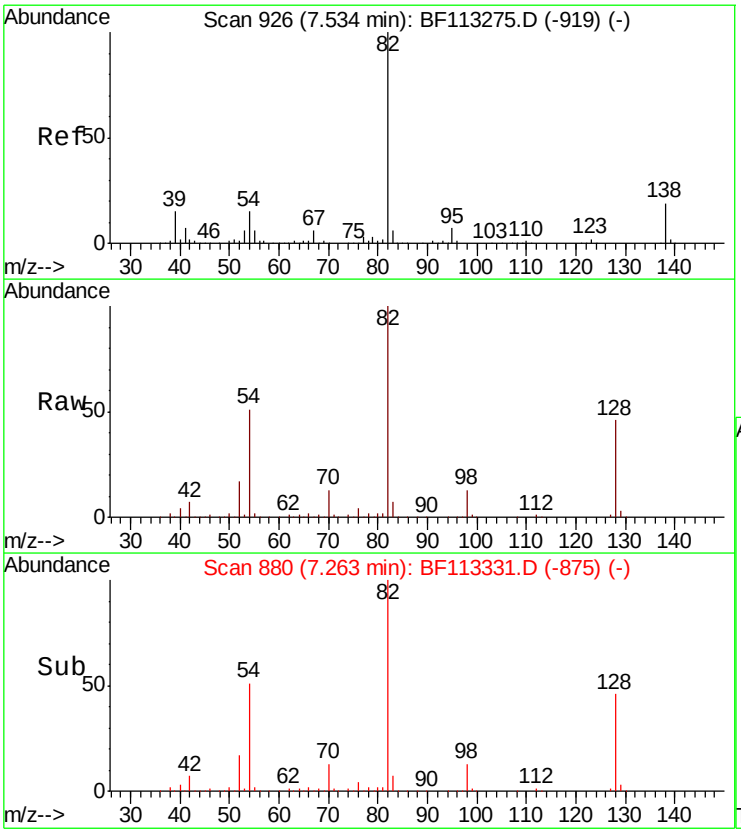
#23
Nitrobenzene-d5
Concen: 74.870 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion: 82 Resp: 916325

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.5	54.7
54	51.5	42.2	63.2

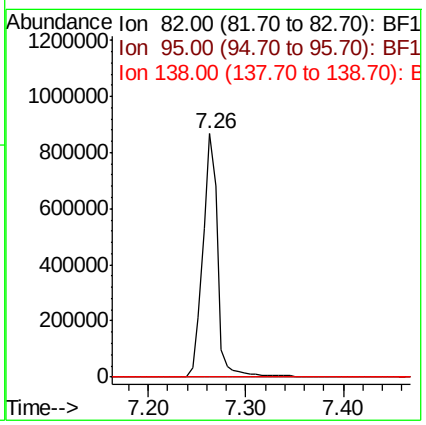


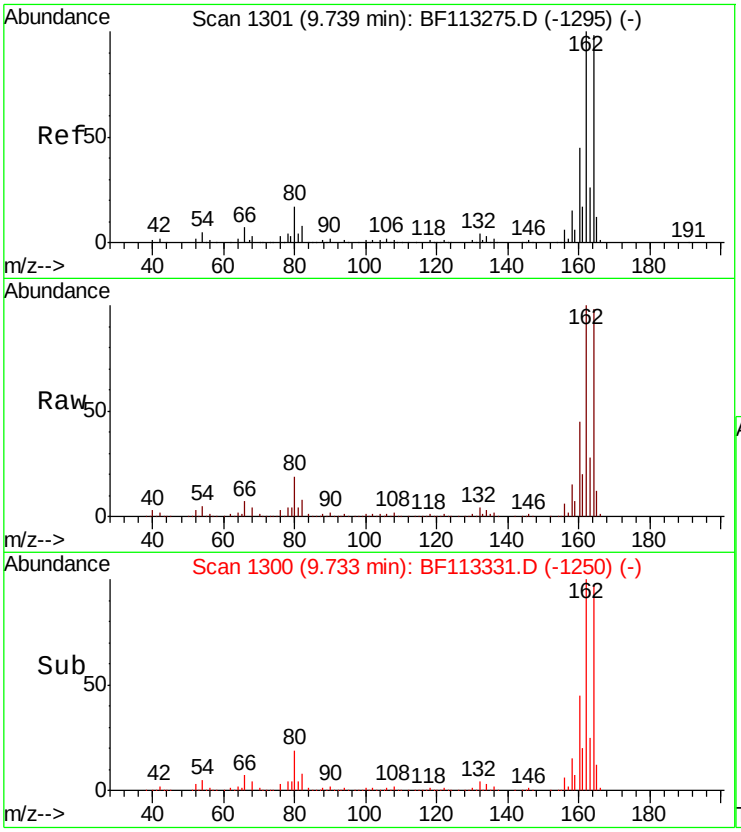


#25
Isophorone
Concen: 38.079 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion: 82 Resp: 903165

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#



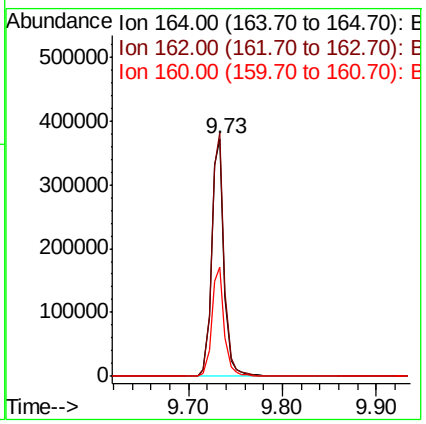


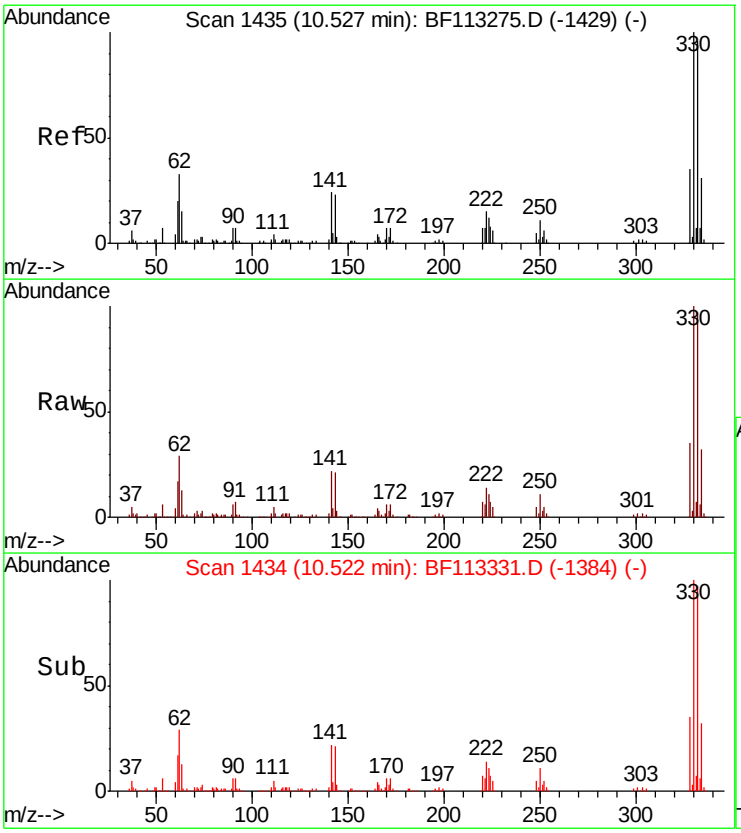
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:164 Resp: 349088

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.8	122.6
160	46.0	36.4	54.6

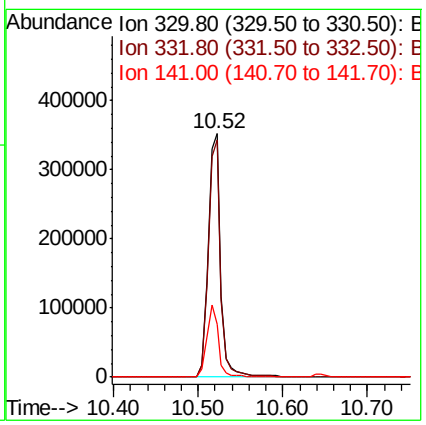


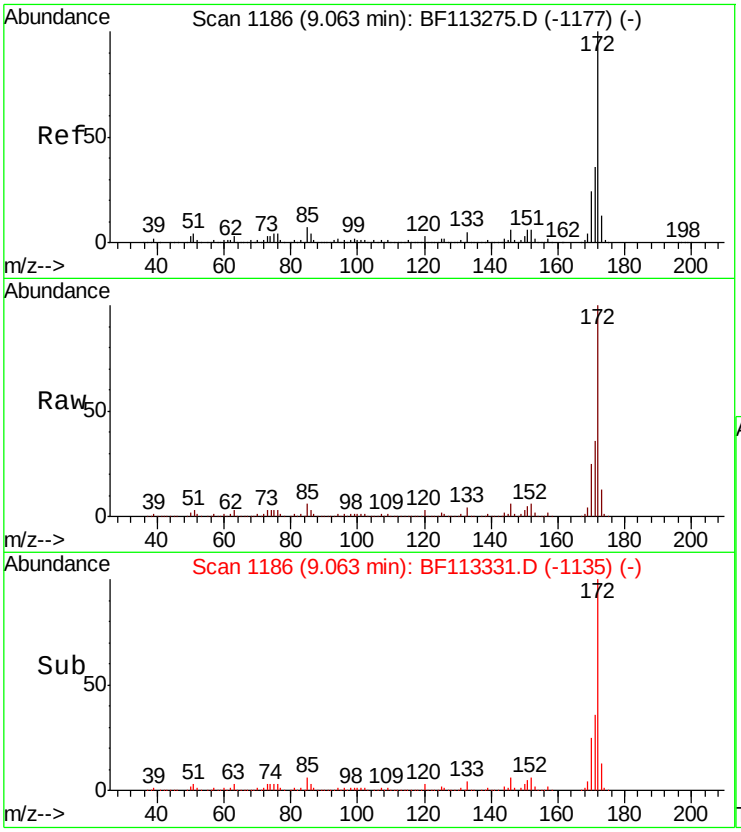


#42
2,4,6-Tribromophenol
Concen: 85.060 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:330 Resp: 366783

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.6
141	27.8	22.7	34.1



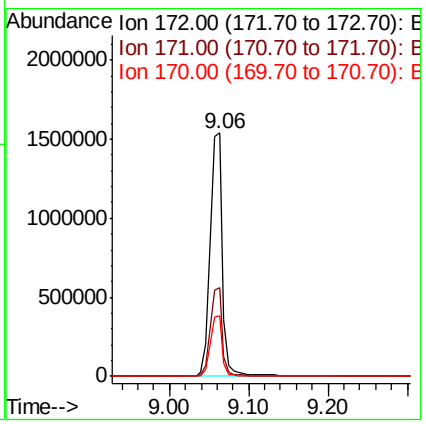


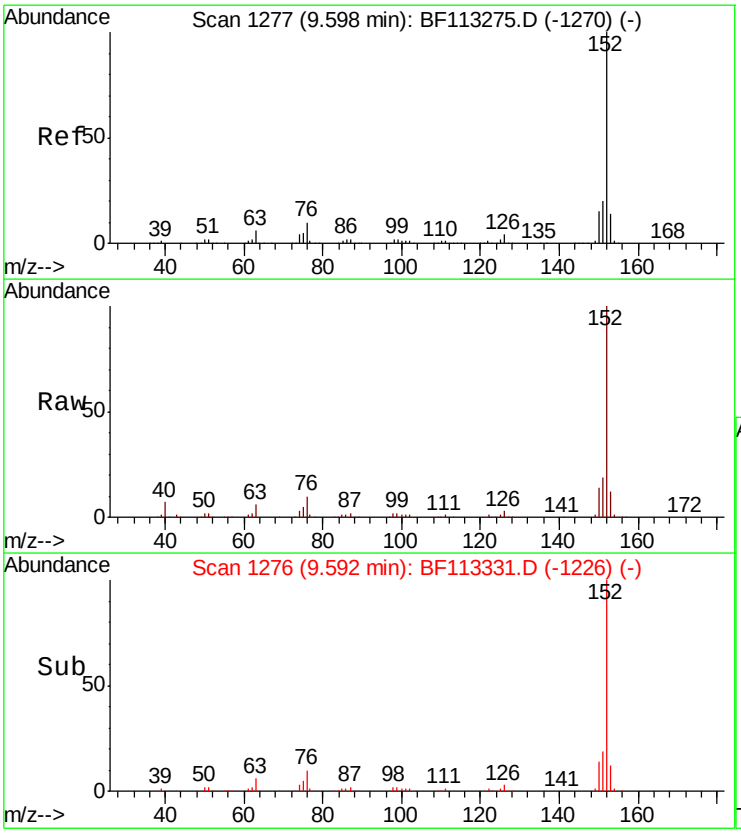
#45
2-Fluorobiphenyl
Concen: 70.769 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:172 Resp: 1641954

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.6	19.5	29.3

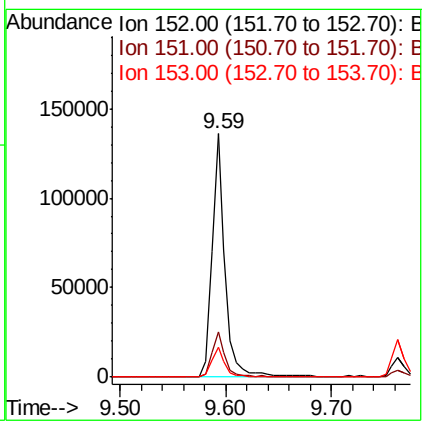


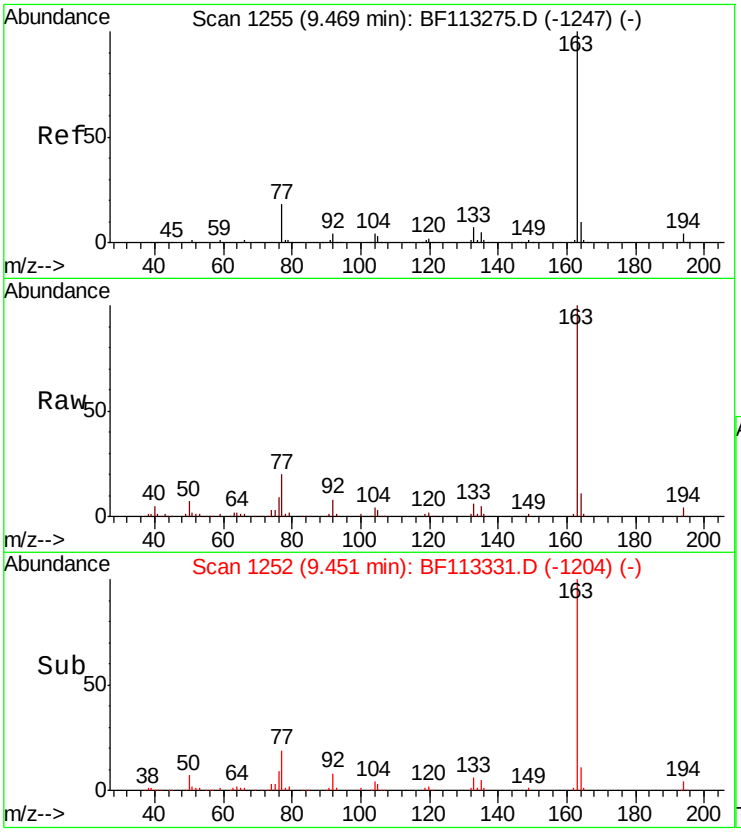


#49
Acenaphthylene
Concen: 3.273 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:152 Resp: 118798

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4
153	12.4	11.0	16.6



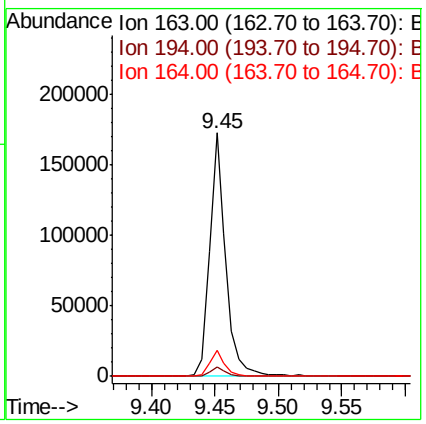


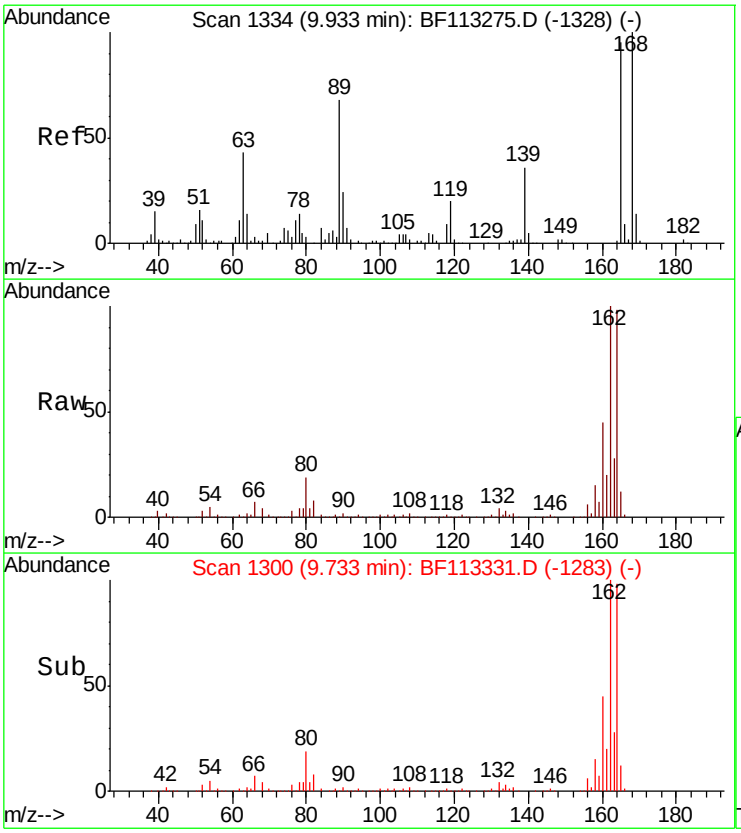
#50
Dimethylphthalate
Concen: 5.991 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:163 Resp: 154977

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.5	8.1	12.1

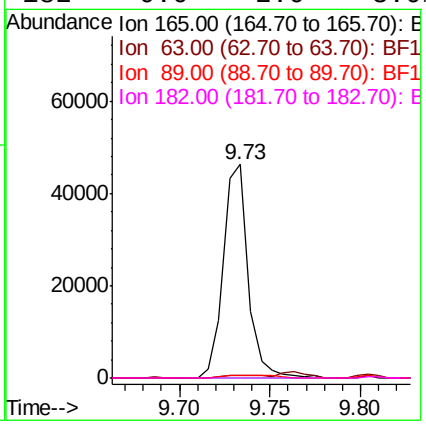


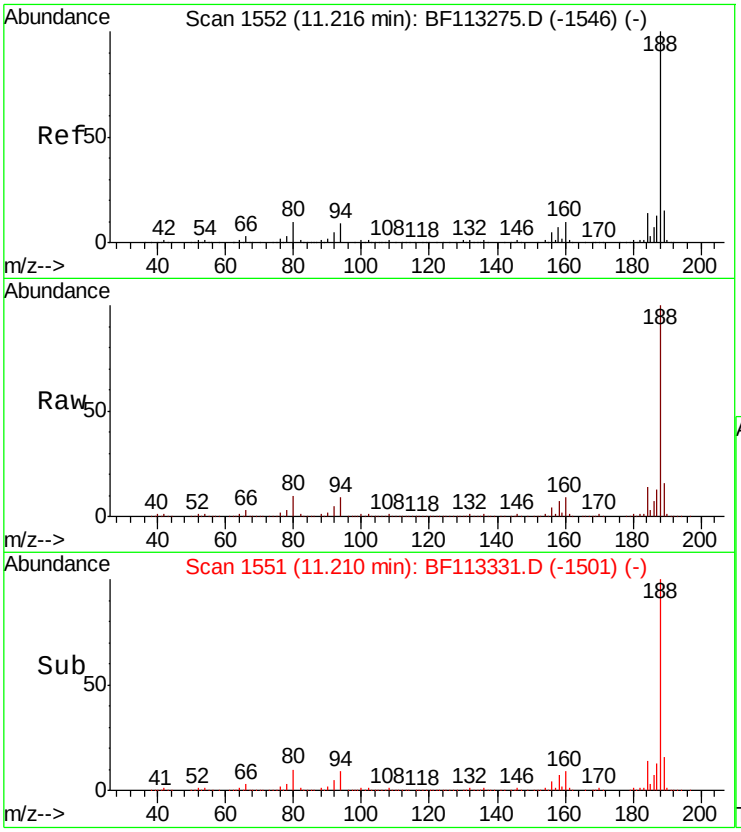


#57
2,4-Dinitrotoluene
Concen: 6.004 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:165 Resp: 44562

Ion	Ratio	Lower	Upper
165	100		
63	1.4	37.5	56.3#
89	1.5	57.4	86.2#
182	0.0	2.0	3.0#



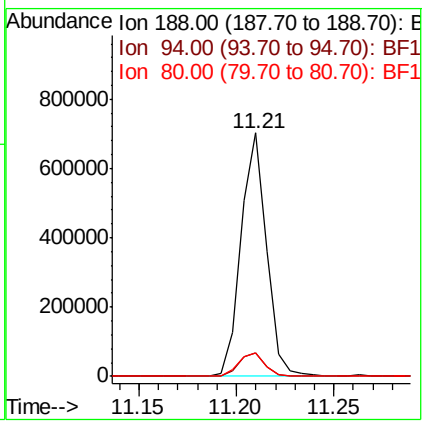


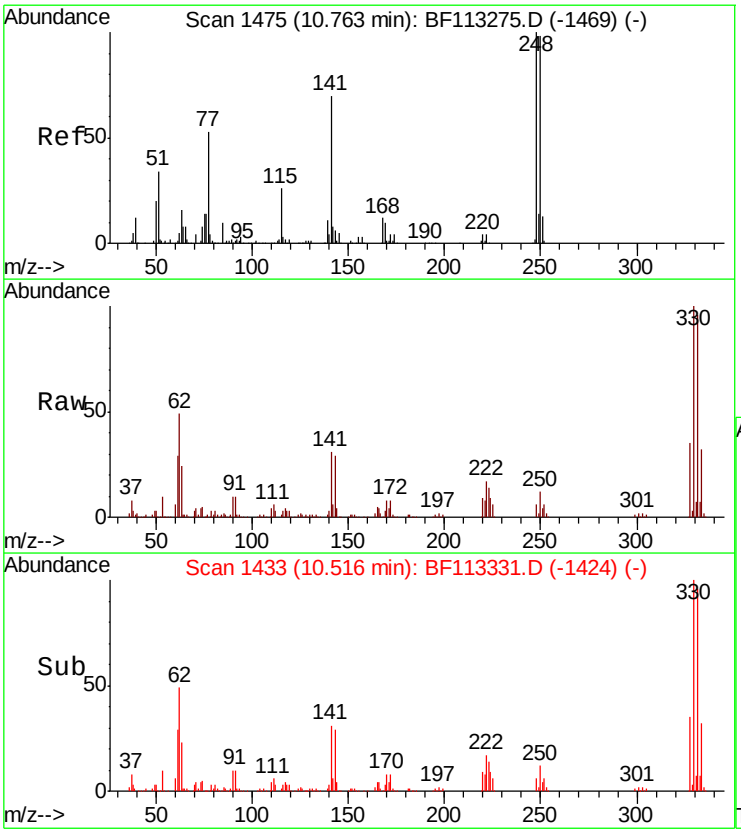
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:188 Resp: 635841

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.6
80	9.6	7.7	11.5

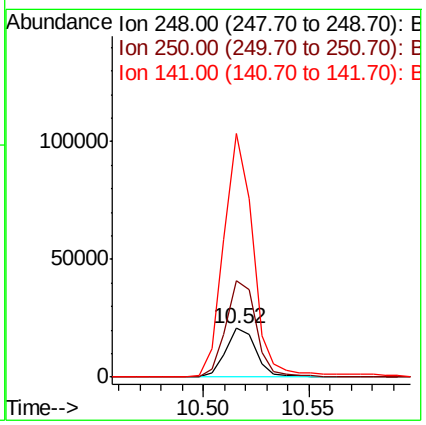


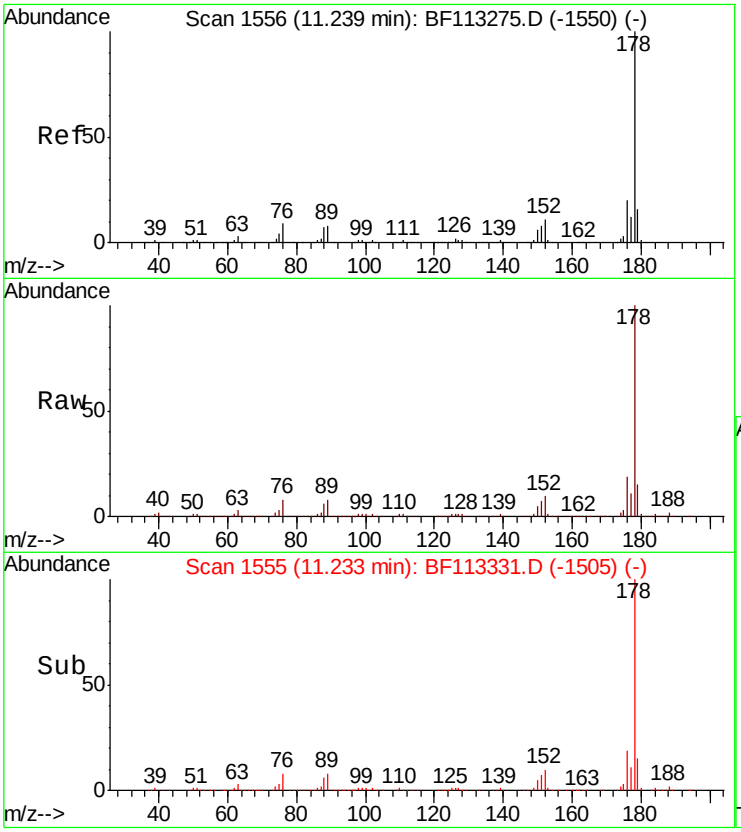


#67
4-Bromophenyl-phenylether
Concen: 2.992 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:248 Resp: 20737

Ion	Ratio	Lower	Upper
248	100		
250	197.1	78.3	117.5#
141	497.7	56.2	84.4#



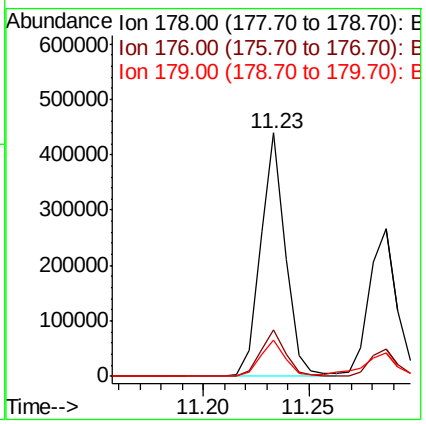


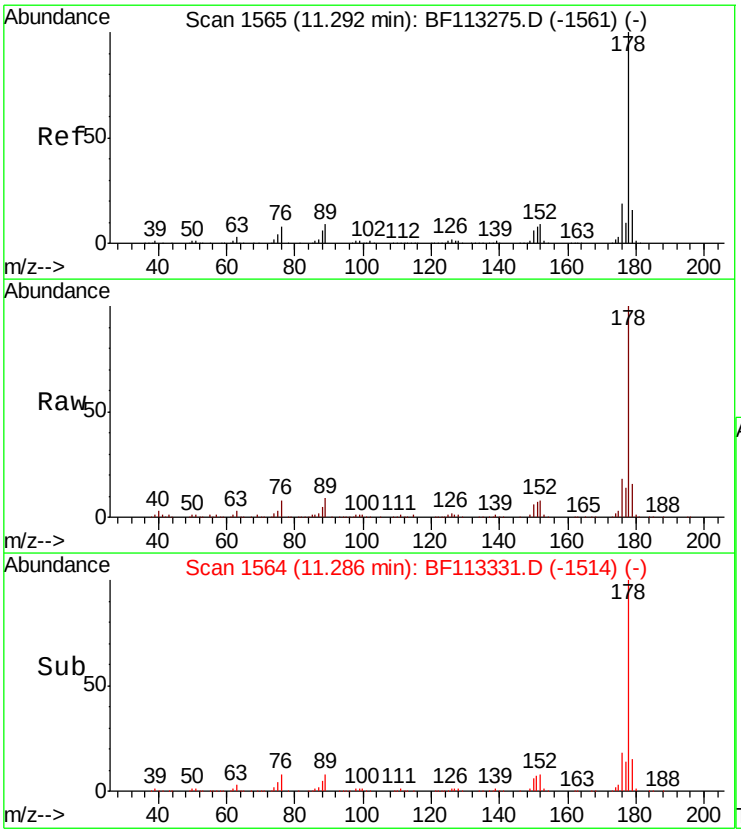
#71
Phenanthrene
Concen: 11.421 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:178 Resp: 360626

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	15.0	12.7	19.1

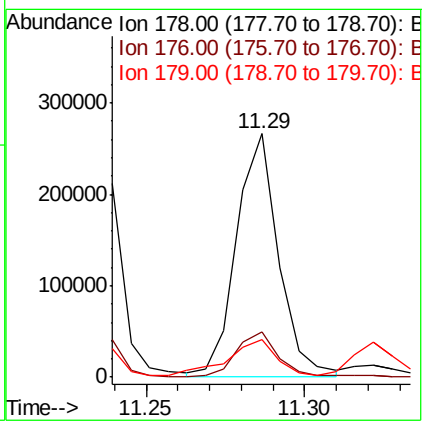


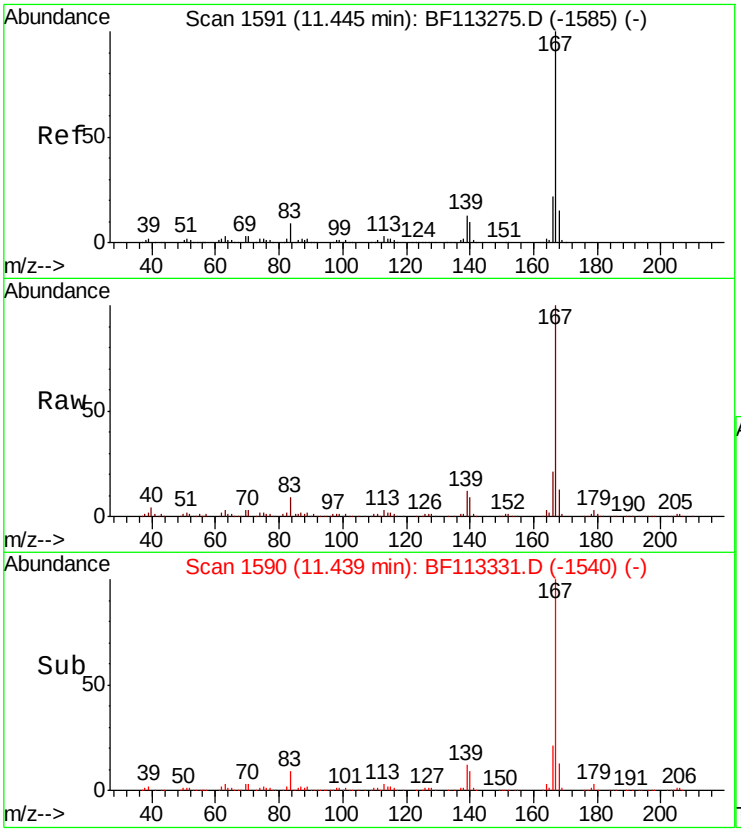


#72
Anthracene
Concen: 7.628 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:178 Resp: 244647

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.6	12.8	19.2



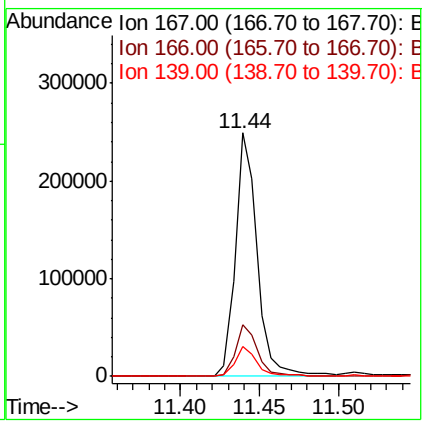


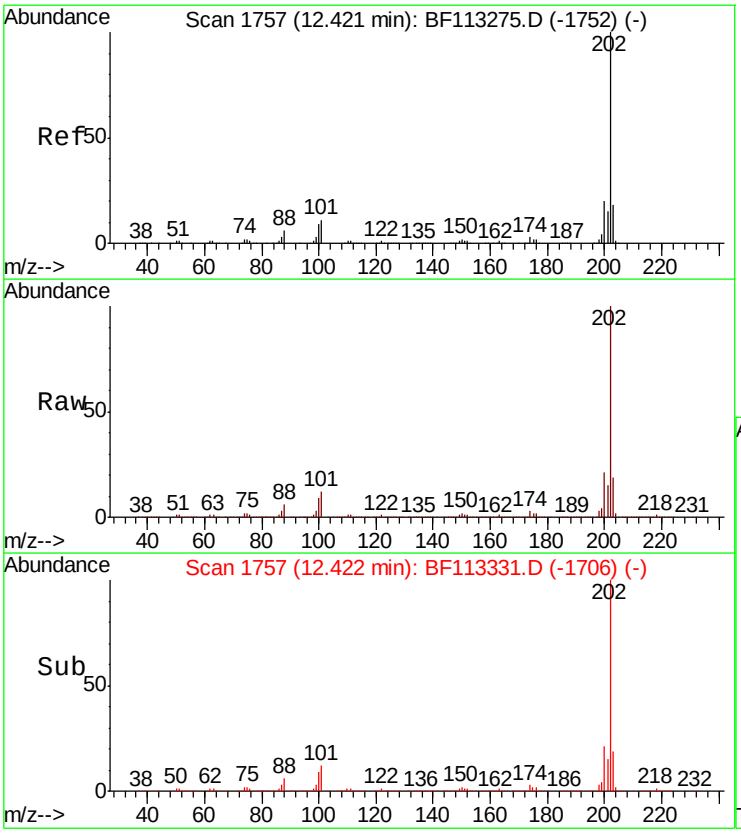
#73
Carbazole
Concen: 7.766 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:167 Resp: 237680

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	12.4	10.4	15.6

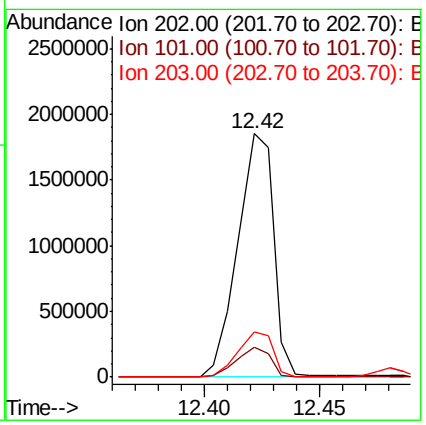


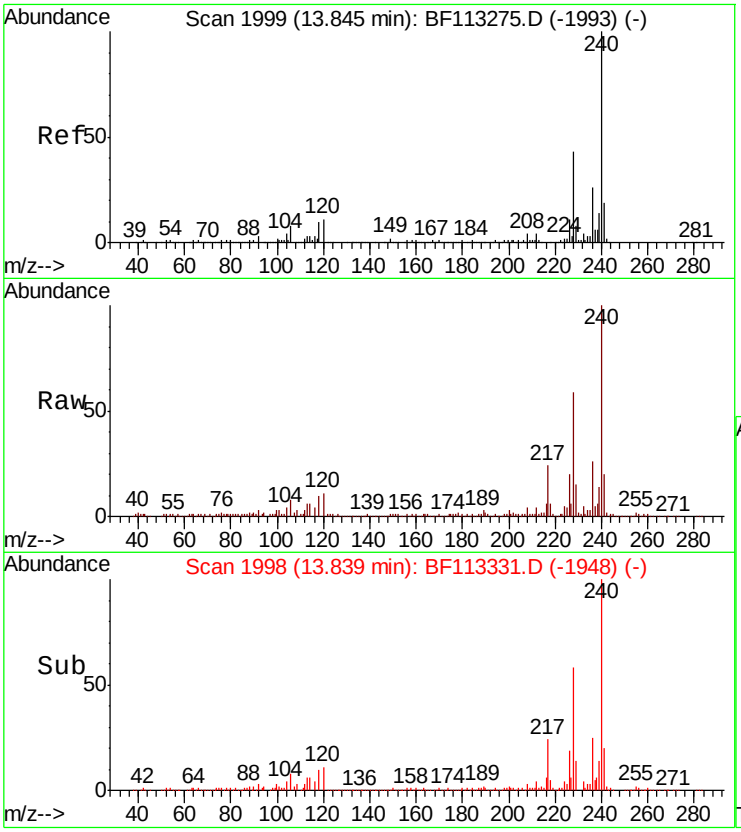


#75
Fluoranthene
Concen: 56.556 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:202 Resp: 2018824

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.4
203	18.7	0.0	38.0



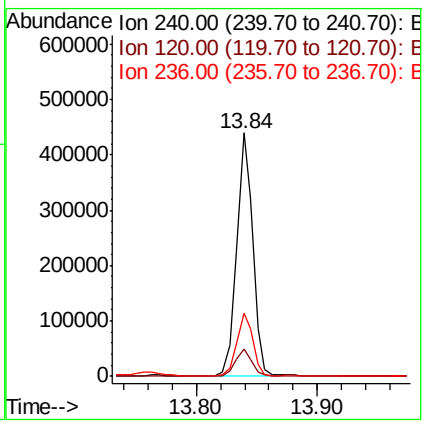


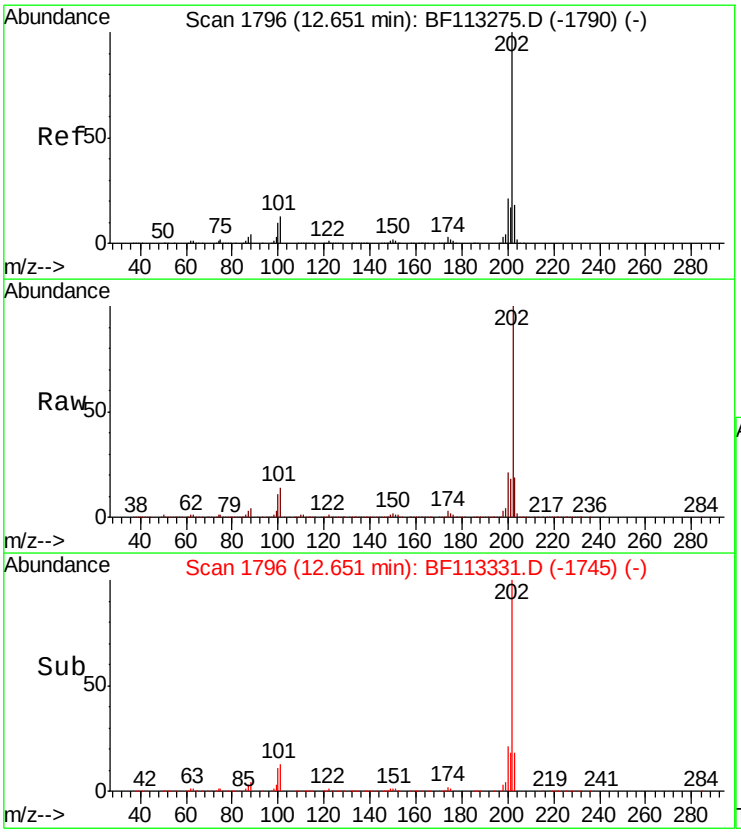
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:240 Resp: 411713

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.8	13.2
236	25.8	20.9	31.3

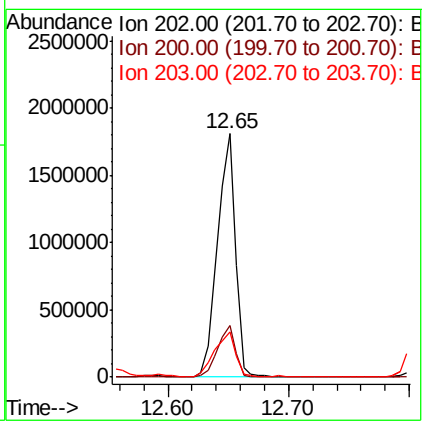


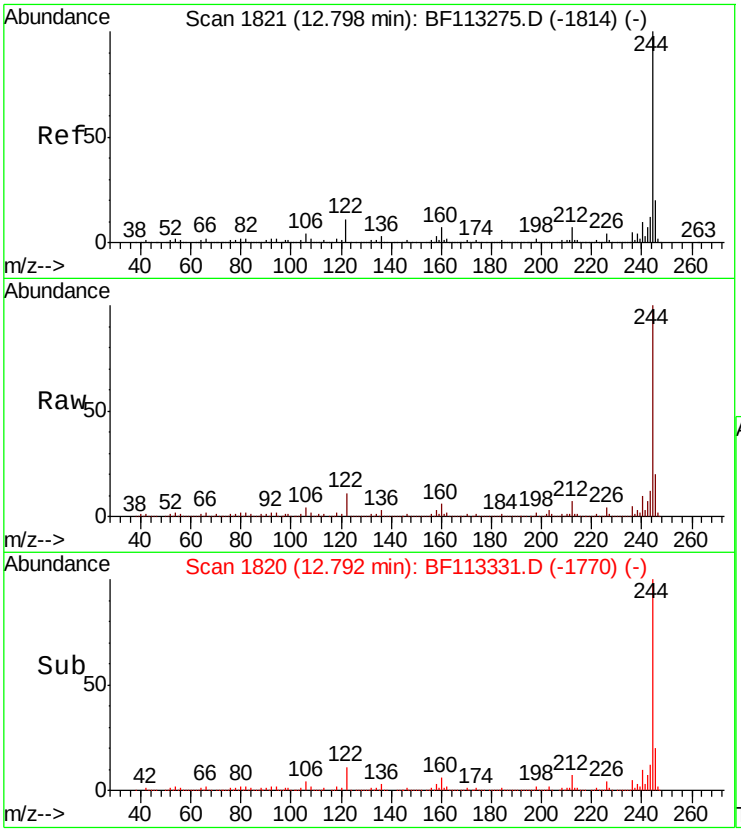


#78
Pyrene
Concen: 64.750 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:202 Resp: 1847349

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	18.6	14.4	21.6



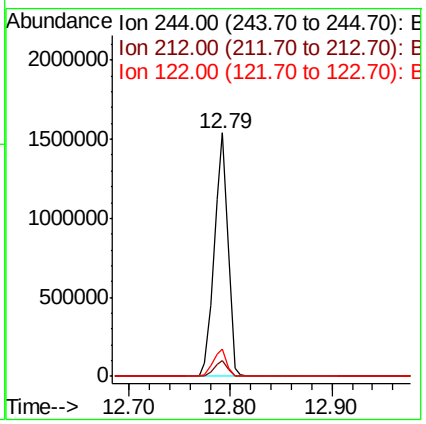


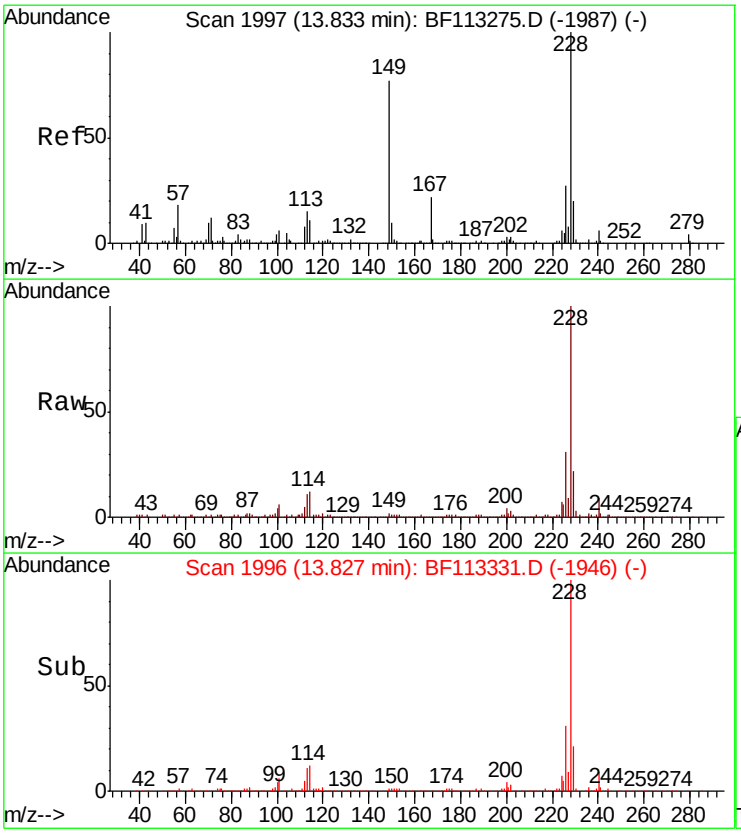
#79
Terphenyl-d14
Concen: 77.084 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:244 Resp: 1439841

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.0	8.6	13.0

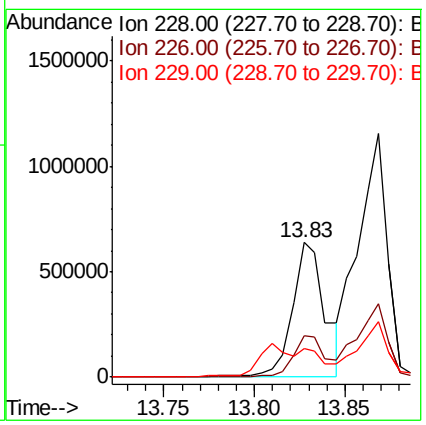


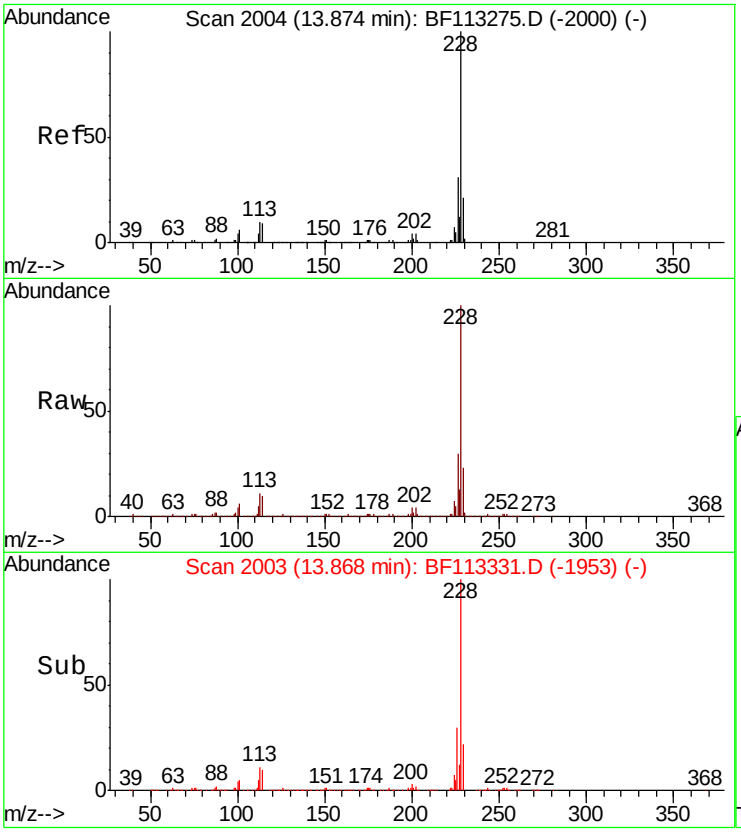


#81
Benzo(a)anthracene
Concen: 33.928 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:228 Resp: 799578

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.8	32.8
229	21.7	16.2	24.4



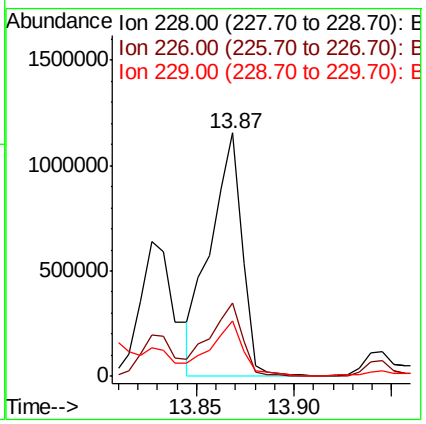


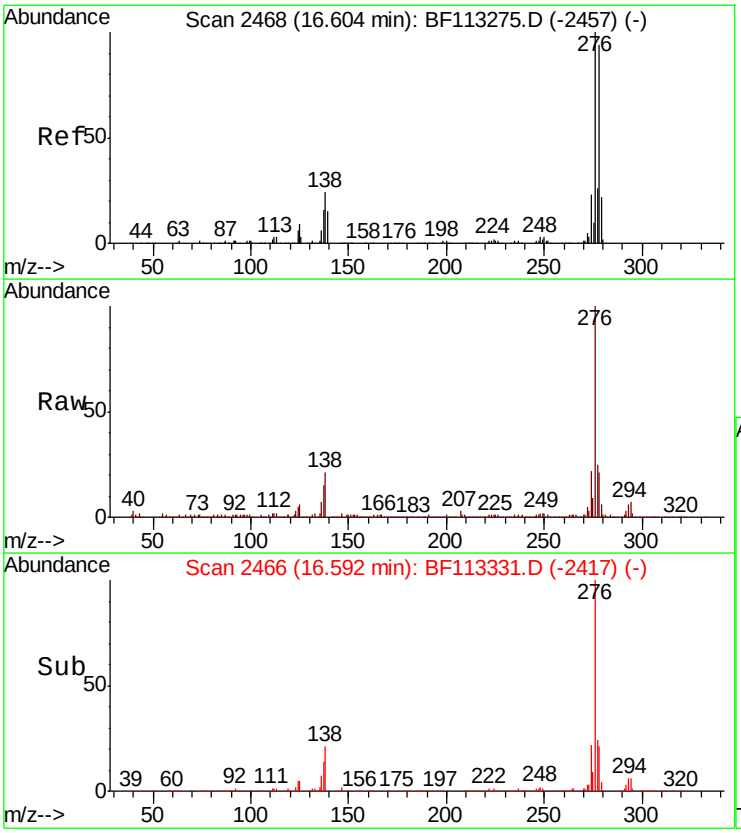
#83
Chrysene
Concen: 54.436 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:228 Resp: 1303077

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	22.5	16.3	24.5

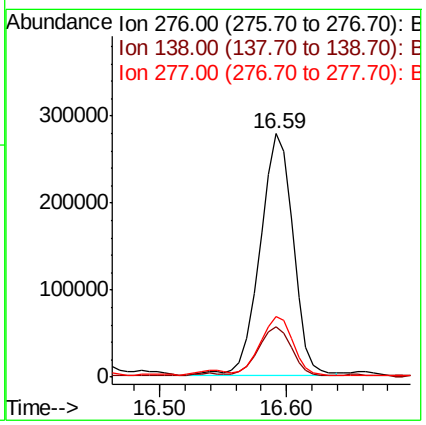


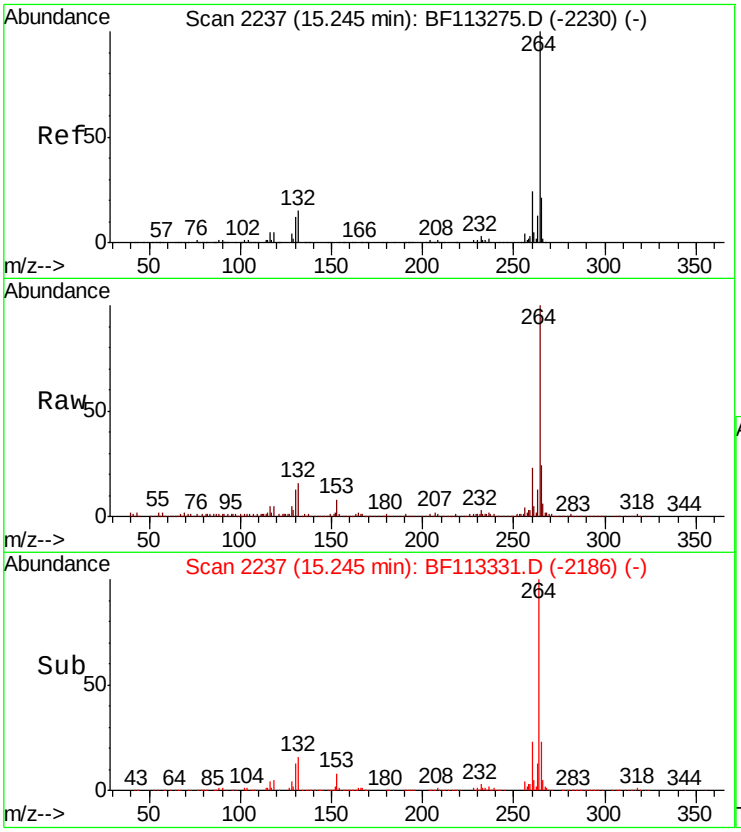


#86
Indeno(1,2,3-cd)pyrene
Concen: 24.368 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:276 Resp: 500606

Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.1	27.1
277	24.5	20.2	30.4



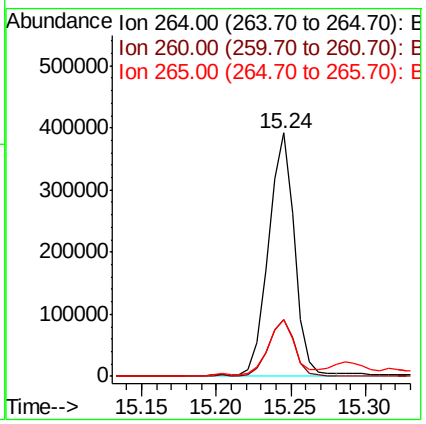


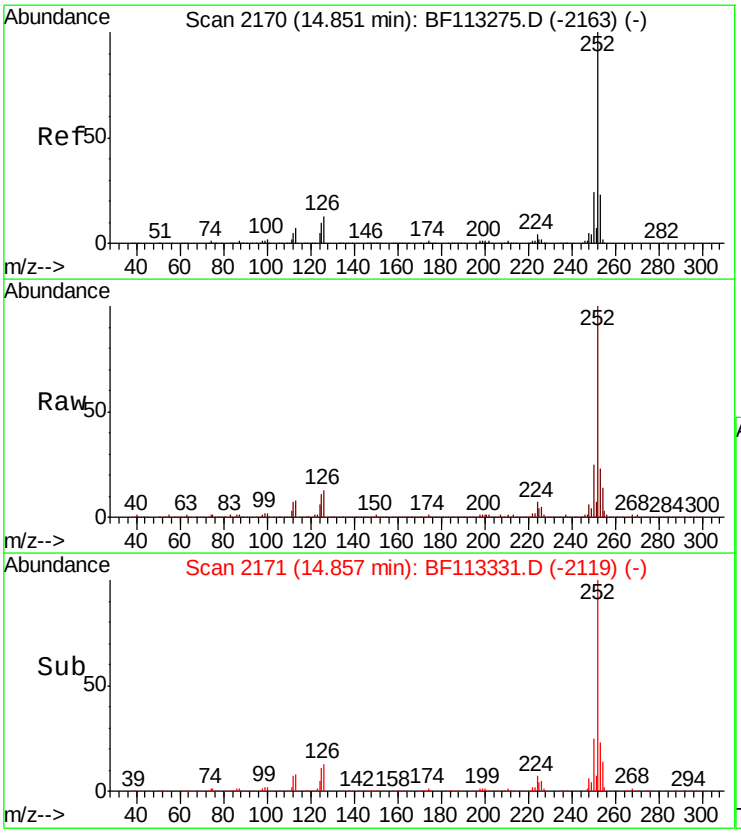
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:264 Resp: 473232

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	23.5	17.1	25.7

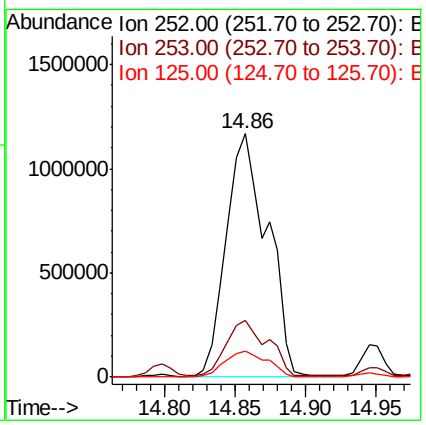


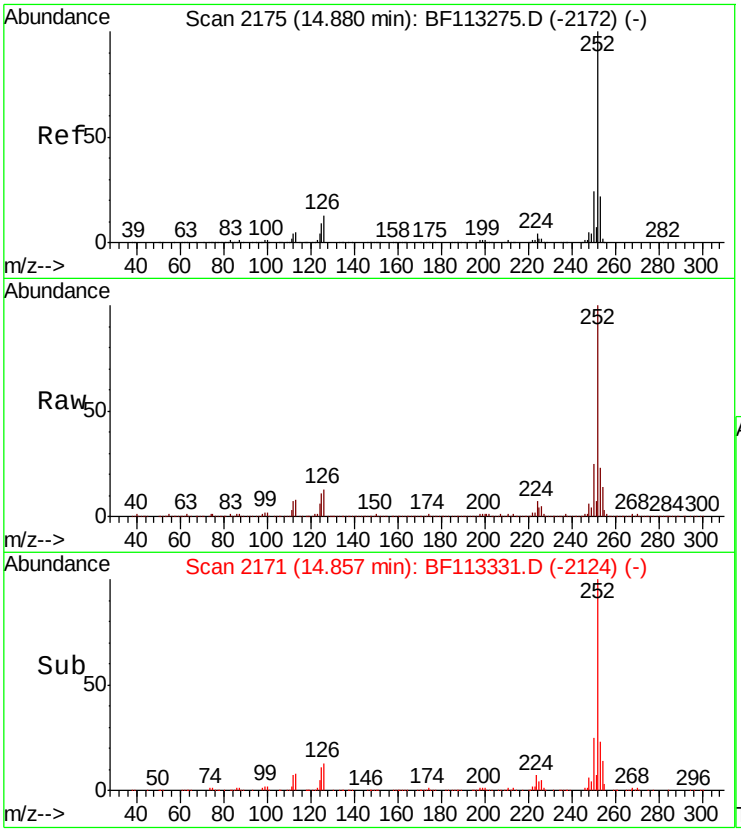


#88
Benzo(b)fluoranthene
Concen: 81.129 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:252 Resp: 2384965

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	10.8	7.6	11.4



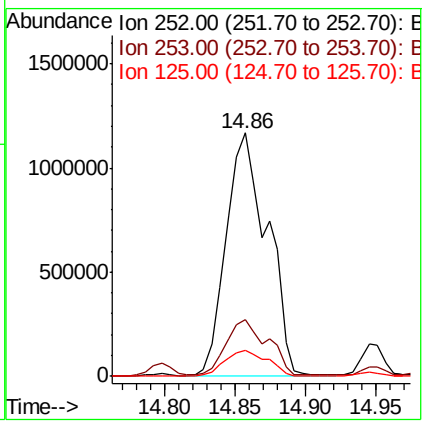


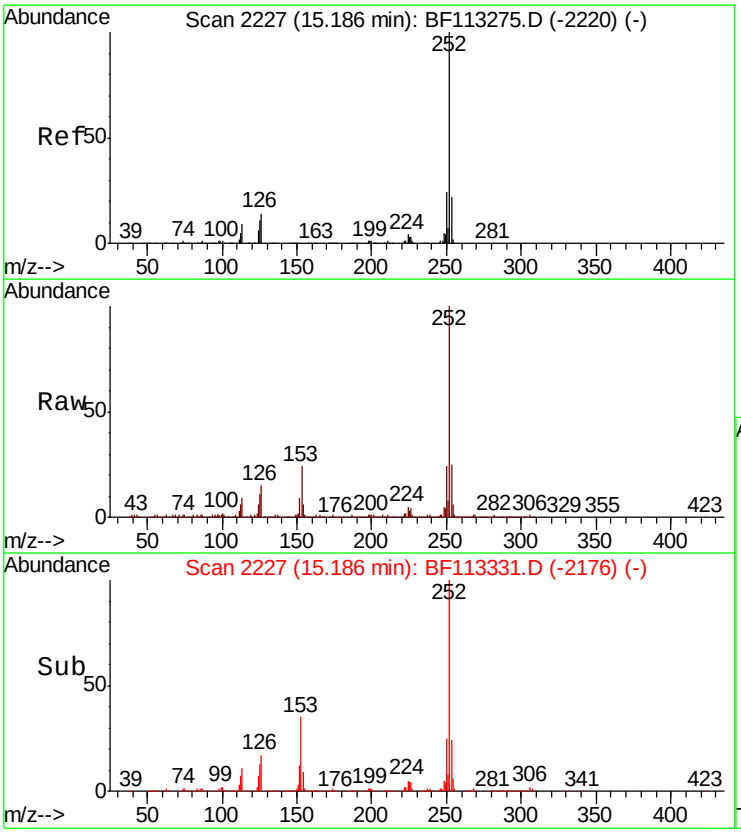
#89
Benzo(k)fluoranthene
Concen: 92.383 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:252 Resp: 2384965

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.8	7.3	10.9

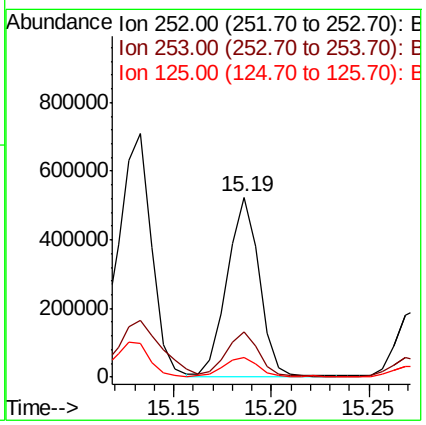


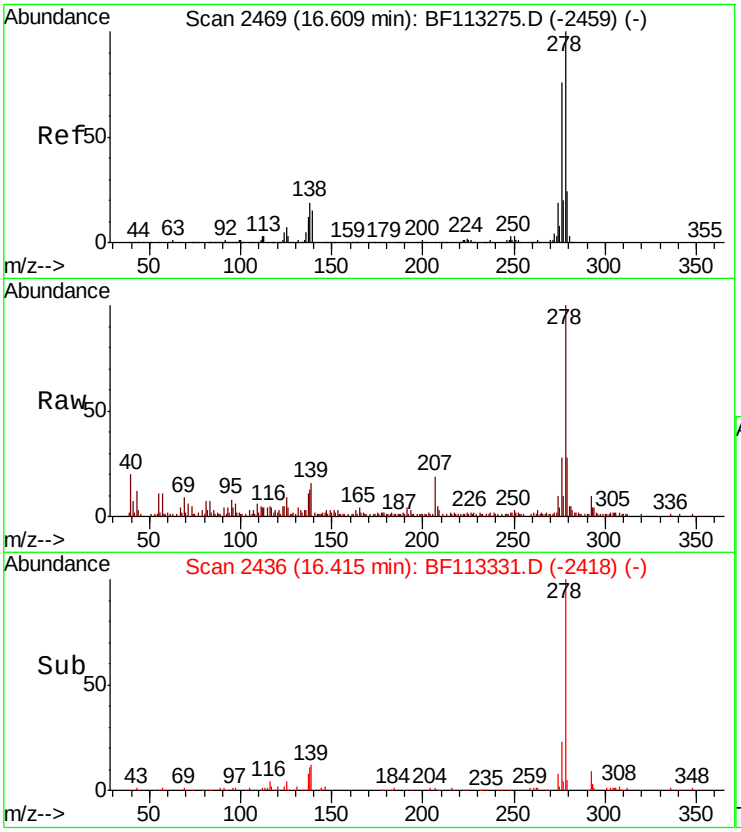


#90
Benzo(a)pyrene
Concen: 22.941 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:252 Resp: 597880

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	11.1	8.8	13.2



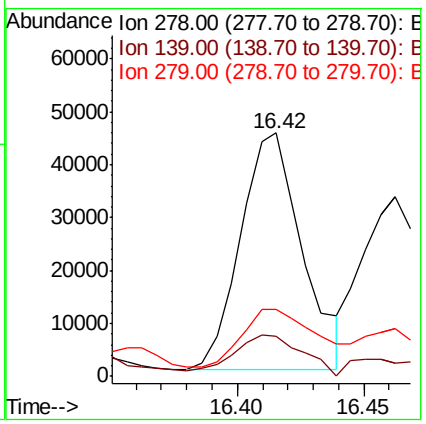


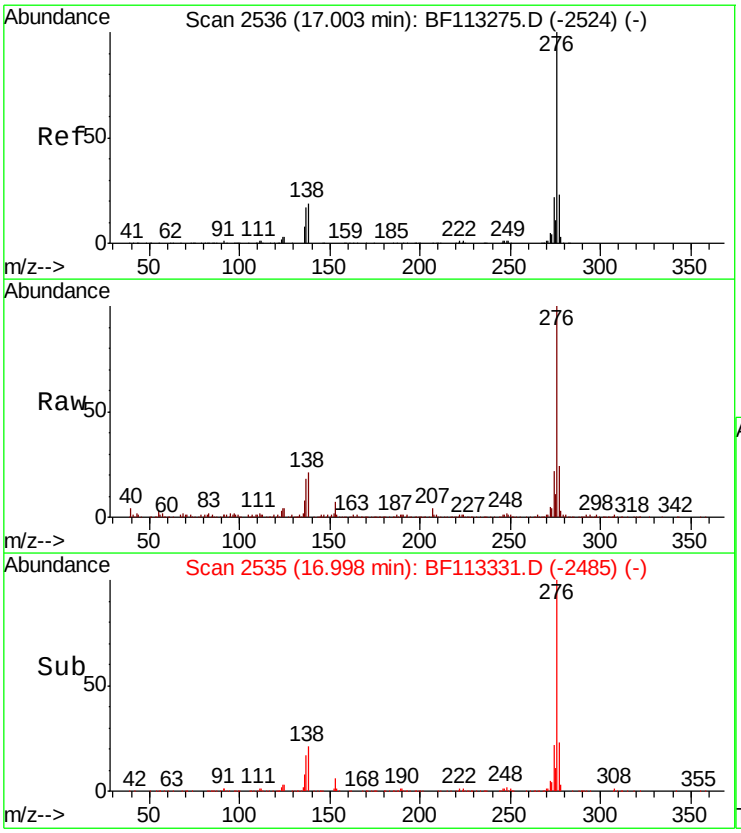
#91
Dibenzo(a,h)anthracene
Concen: 3.388 ng
RT: 16.42 min Scan# 2436
Delta R.T. -0.19 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
CS-11

Tgt Ion:278 Resp: 76338

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.0	18.0
279	27.5	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 18.578 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF113331.D
Acq: 27 Mar 2019 15:22

Tgt Ion:276 Resp: 422124

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.2	15.6	23.4