Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-B

Quant Time: Mar 05 00:38:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	153213	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	541686	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	252257	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	478245	20.00	ng		0.01
76) Chrysene-d12	13.89	240	406424	20.00	ng		0.01
87) Perylene-d12	15.30	264	294119	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	235550	23.91	ng		0.00
7) Phenol-d6	6.37	99	315202	25.48	ng		0.00
23) Nitrobenzene-d5	7.30	82	170236	18.81	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	77834	29.06	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	318272	16.20	ng		0.00
79) Terphenyl-d14	12.84	244	336121	16.03	ng		0.01
Target Compounds							Qvalue
35) Caprolactam	8.46	113	10241	3.843	ng	#	1
54) 2,4-Dinitrophenol	10.05	184	129	6.528	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.52	198	109	4.663	ng	#	1
71) Phenanthrene	11.28	178	194165	8.160	ng		98
72) Anthracene	11.33	178	62252	2.499	ng		98
75) Fluoranthene	12.46	202	481590	18.891	ng		98
78) Pyrene	12.69	202	461744	13.477	ng		99
81) Benzo(a)anthracene	13.87	228	255331	9.065	ng		99
83) Chrysene	13.91	228	180136	6.529	ng		96
86) Indeno(1,2,3-cd)pyrene	16.67	276	85436	3.632	ng	#	93
88) Benzo(b)fluoranthene	14.90	252	294056	15.457	ng		97
89) Benzo(k)fluoranthene	14.90	252	294056	17.064	ng		97
90) Benzo(a)pyrene	15.24	252	150438	8.940	ng		98
92) Benzo(g,h,i)perylene	17.08	276	75700	5.250	ng		97

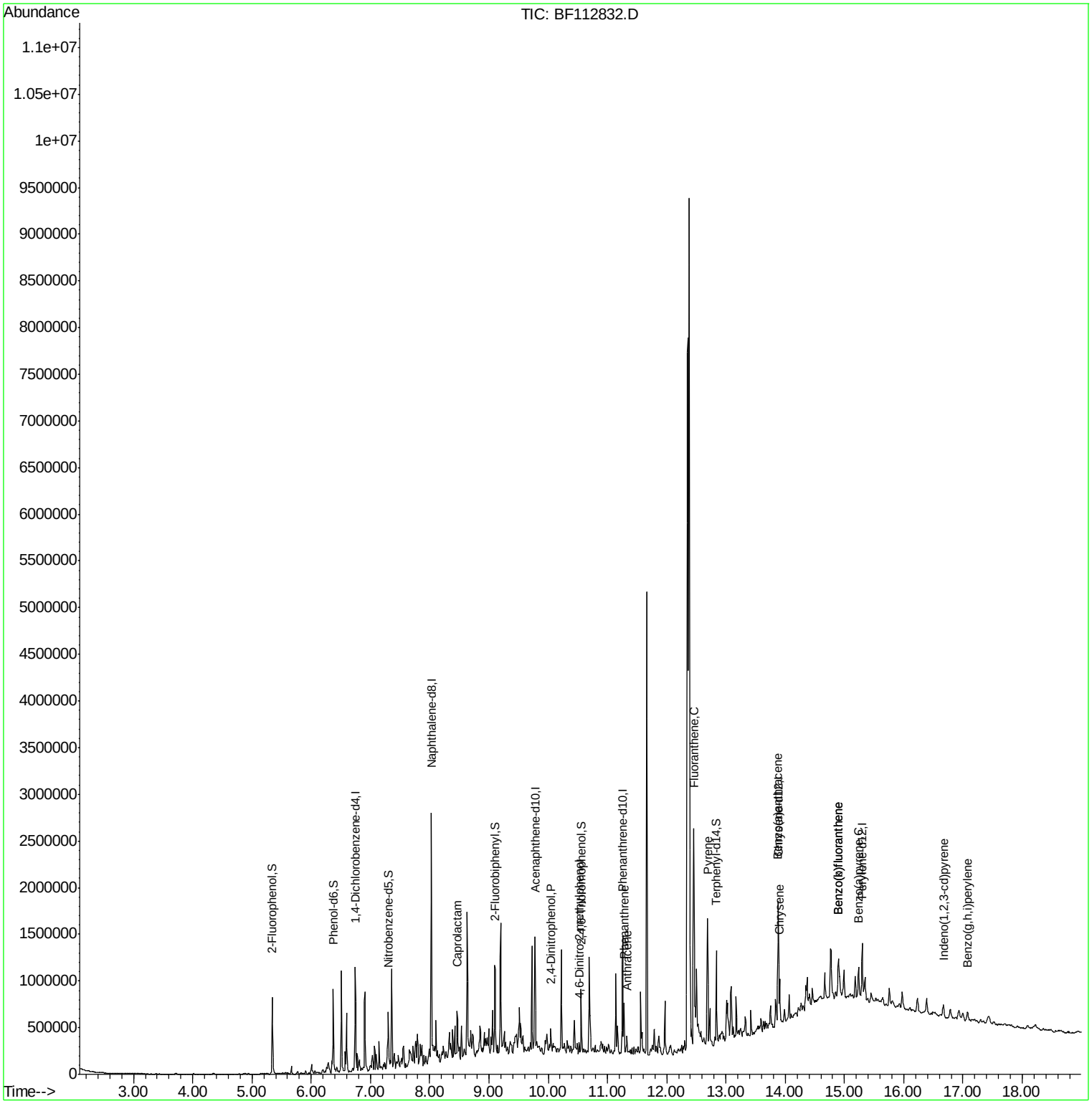
(#) = qualifier out of range (m) = manual integration (+) = signals summed

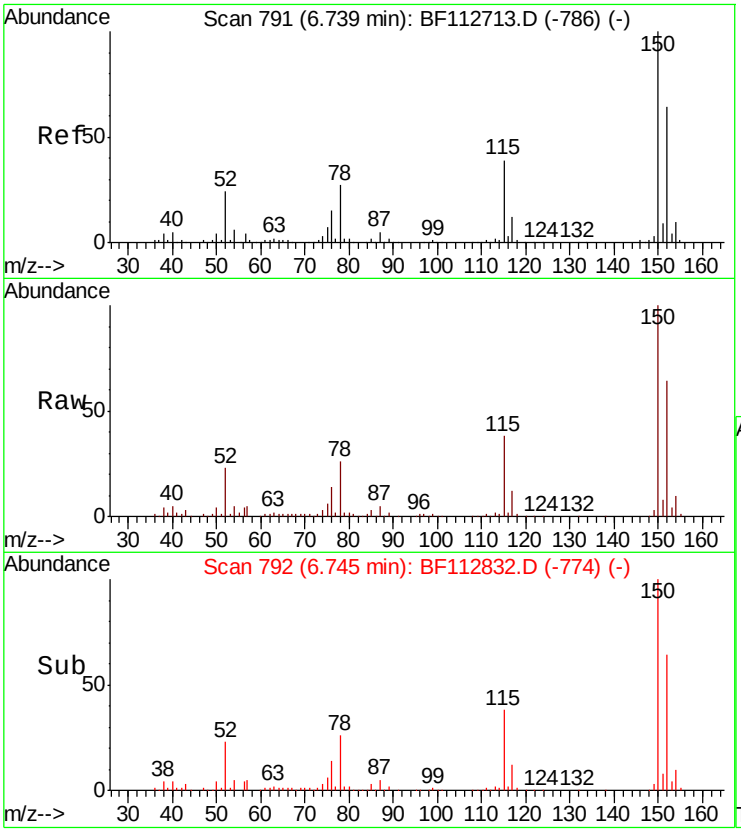
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112832.D
Acq On : 4 Mar 2019 18:51
Operator : JU/SJ
Sample : K1688-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Quant Time: Mar 05 00:38:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



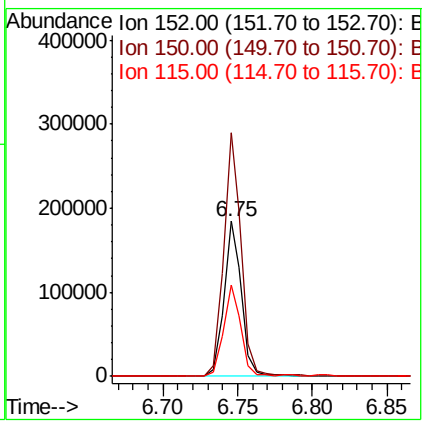


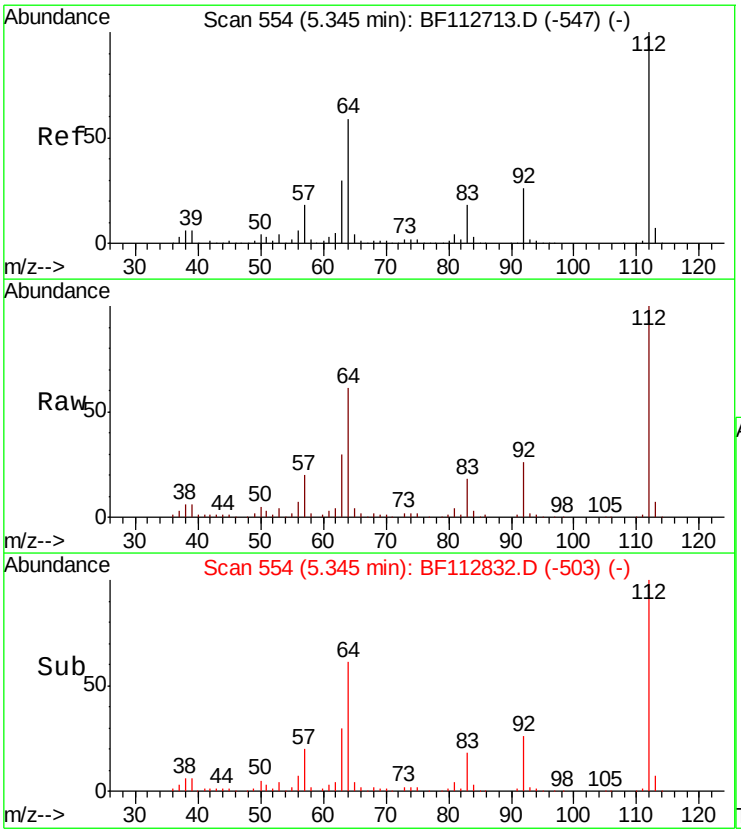
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion:152 Resp: 153213

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.2
115	59.2	48.2	72.4

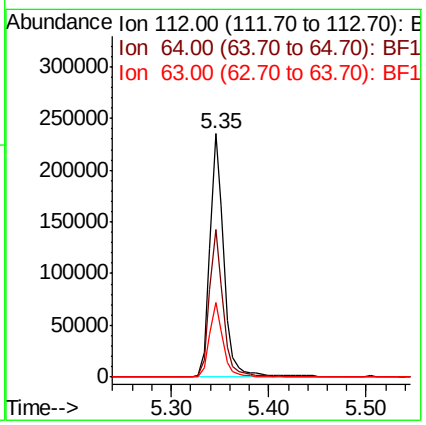


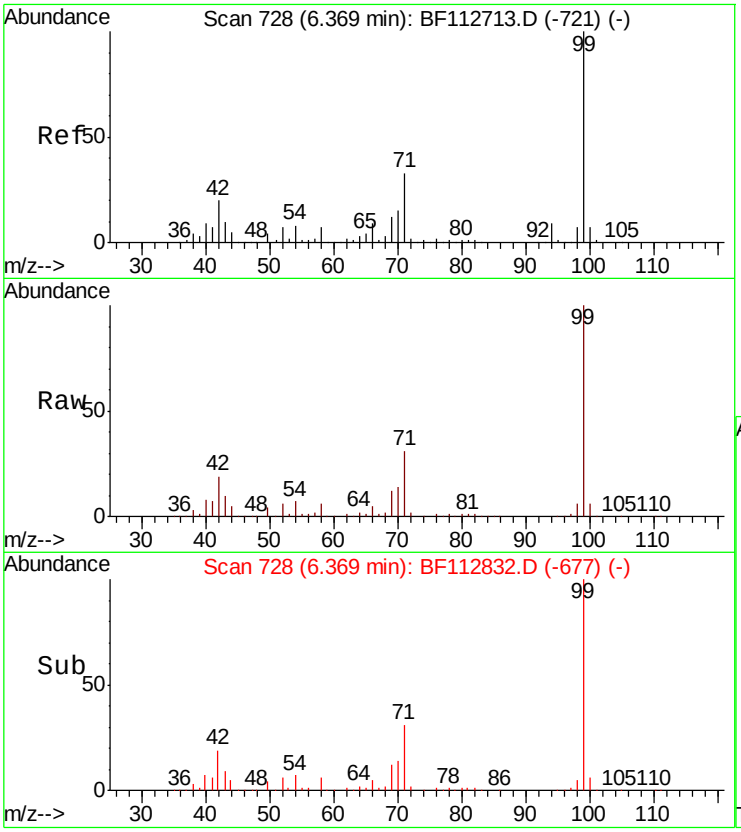


#5
2-Fluorophenol
Concen: 23.915 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:112 Resp: 235550

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.6	71.4
63	30.4	24.4	36.6



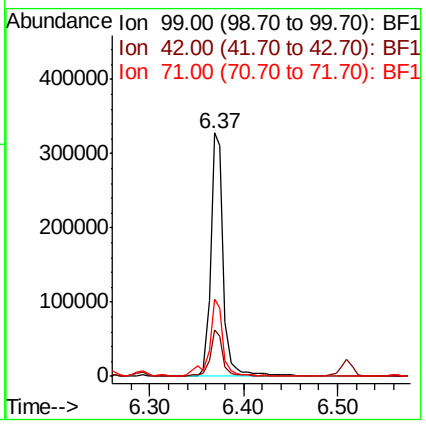


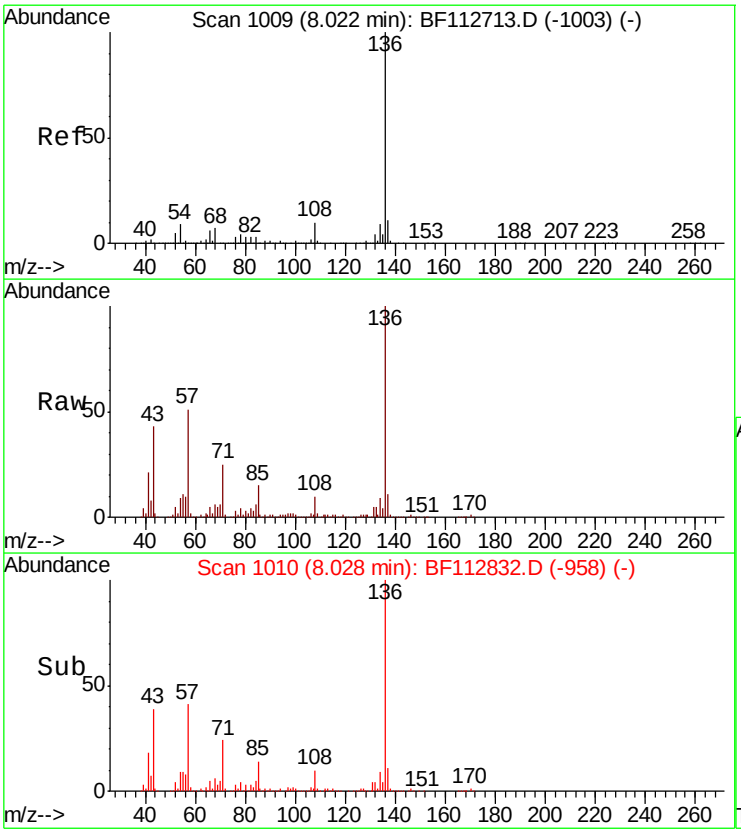
#7
Phenol-d6
Concen: 25.476 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion: 99 Resp: 315202

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.3	24.5
71	31.5	26.2	39.4

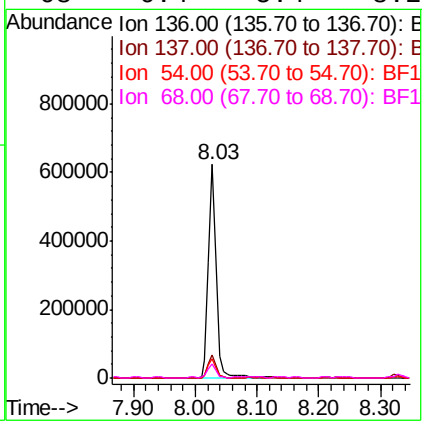


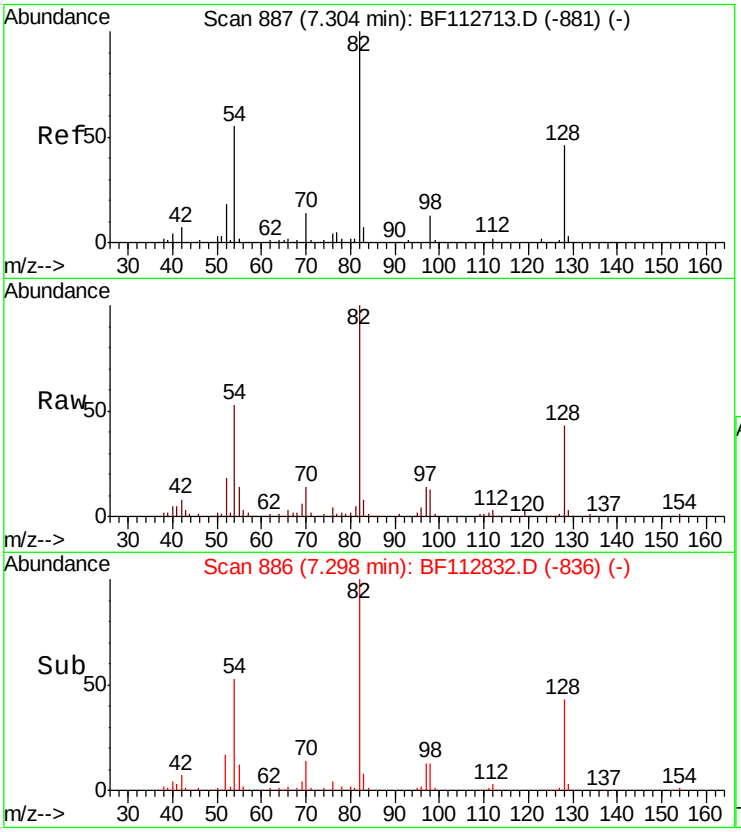


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:136 Resp: 541686

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	7.3	10.9
68	6.4	5.4	8.2



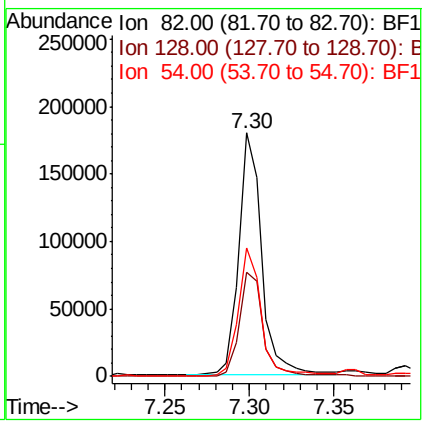


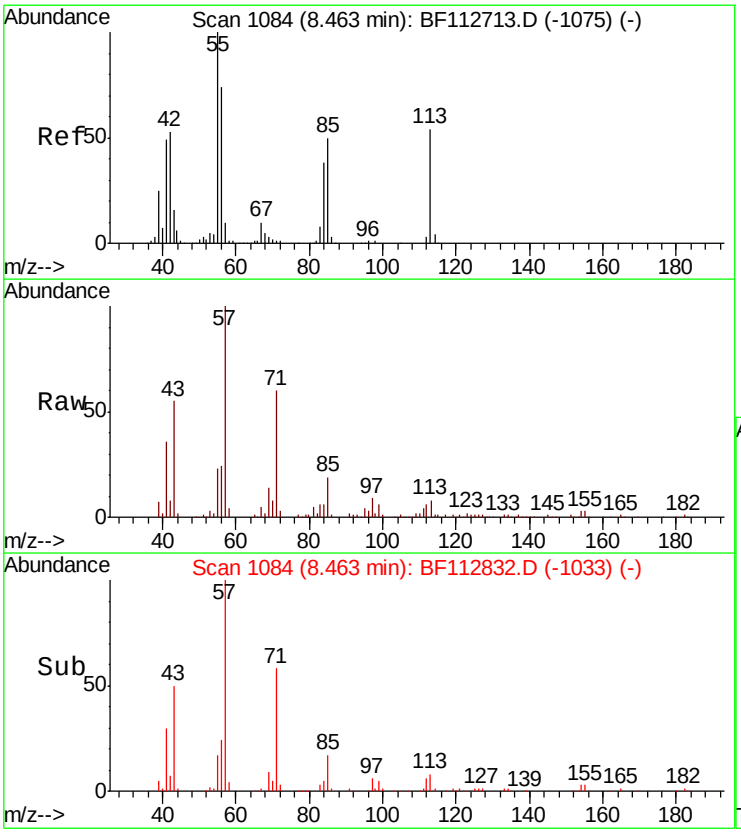
#23
Nitrobenzene-d5
Concen: 18.805 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion: 82 Resp: 170236

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.3	54.5
54	52.8	43.7	65.5

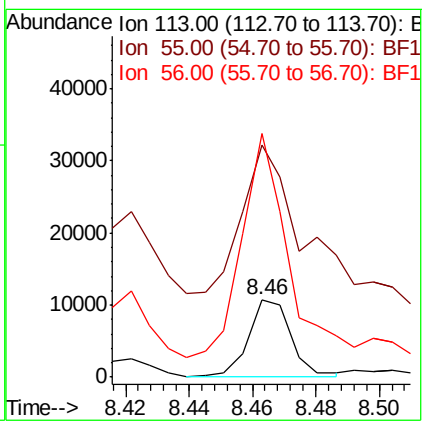


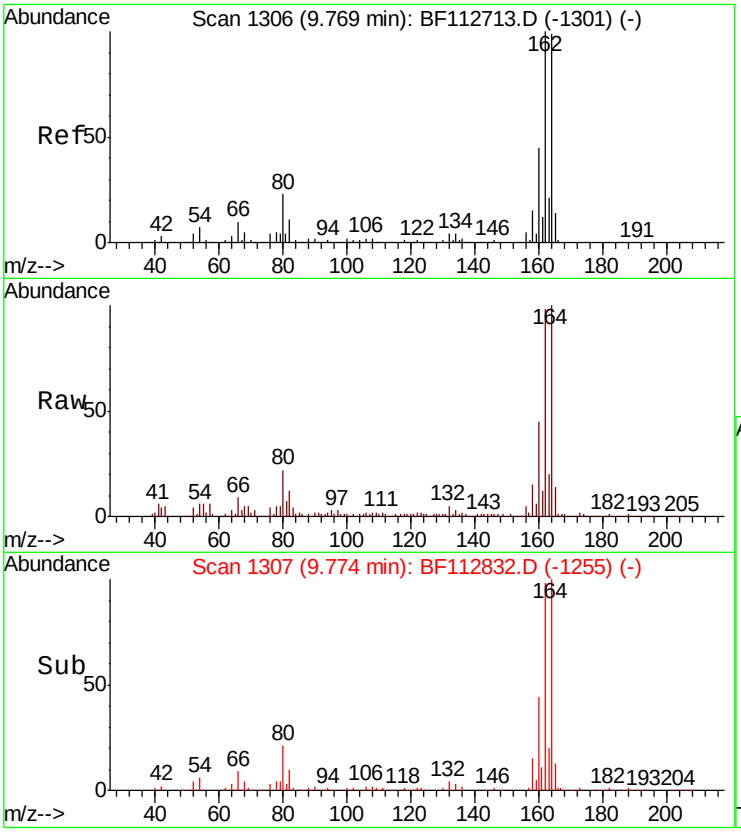


#35
Caprolactam
Concen: 3.843 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:113 Resp: 10241

Ion	Ratio	Lower	Upper
113	100		
55	299.3	163.5	203.5#
56	313.9	115.3	155.3#



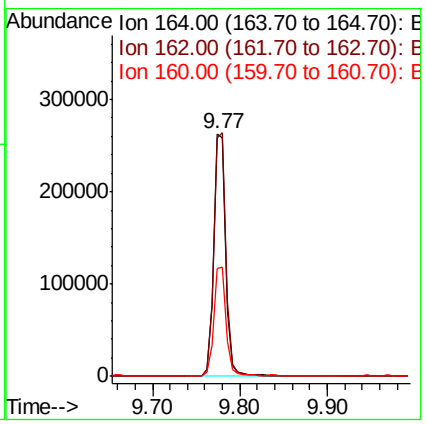


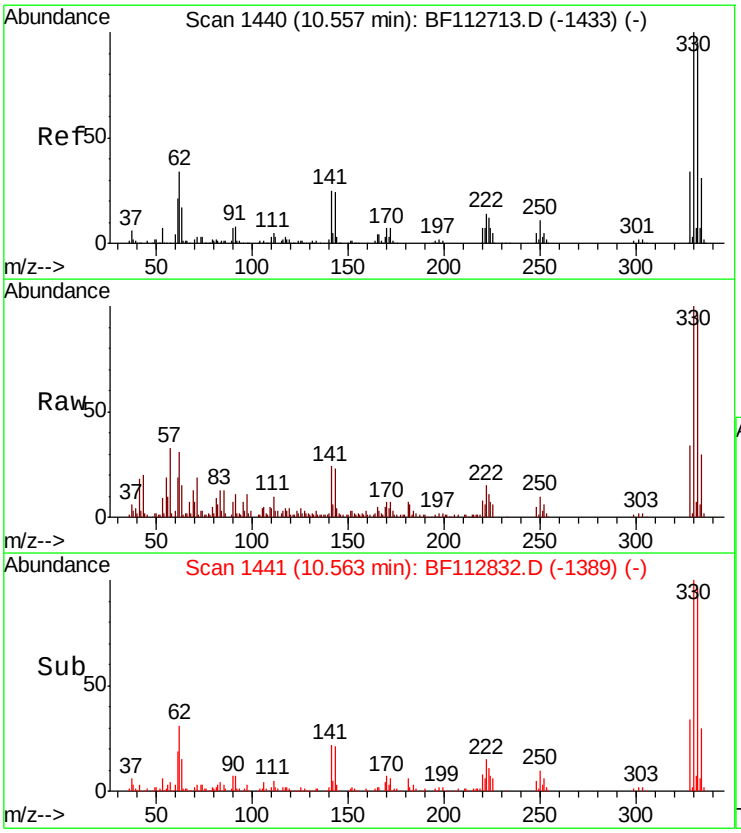
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion:164 Resp: 252257

Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.6	120.8
160	44.6	36.0	54.0

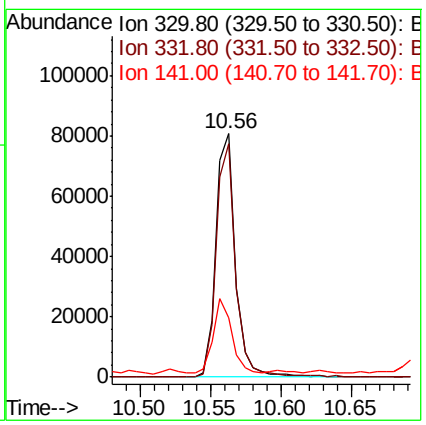


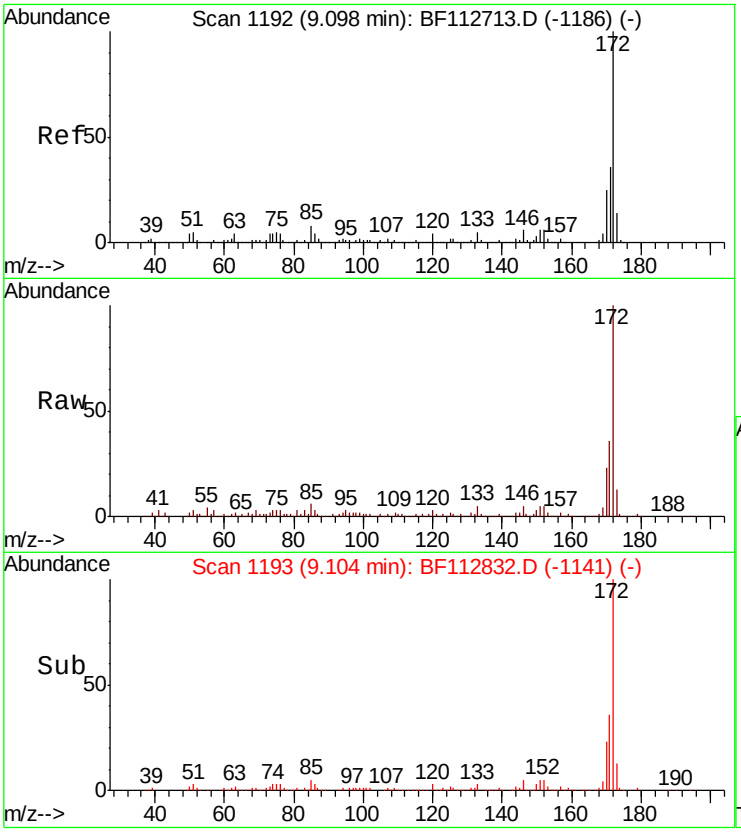


#42
2,4,6-Tribromophenol
Concen: 29.064 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:330 Resp: 77834

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.2	114.4
141	28.5	27.0	40.6



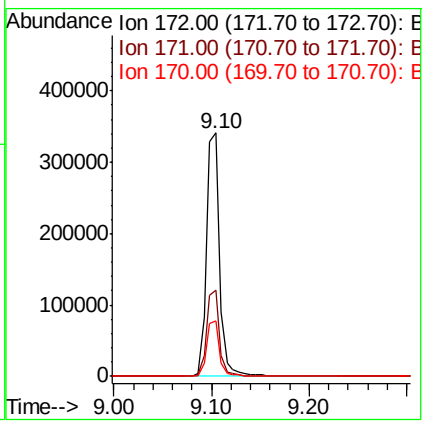


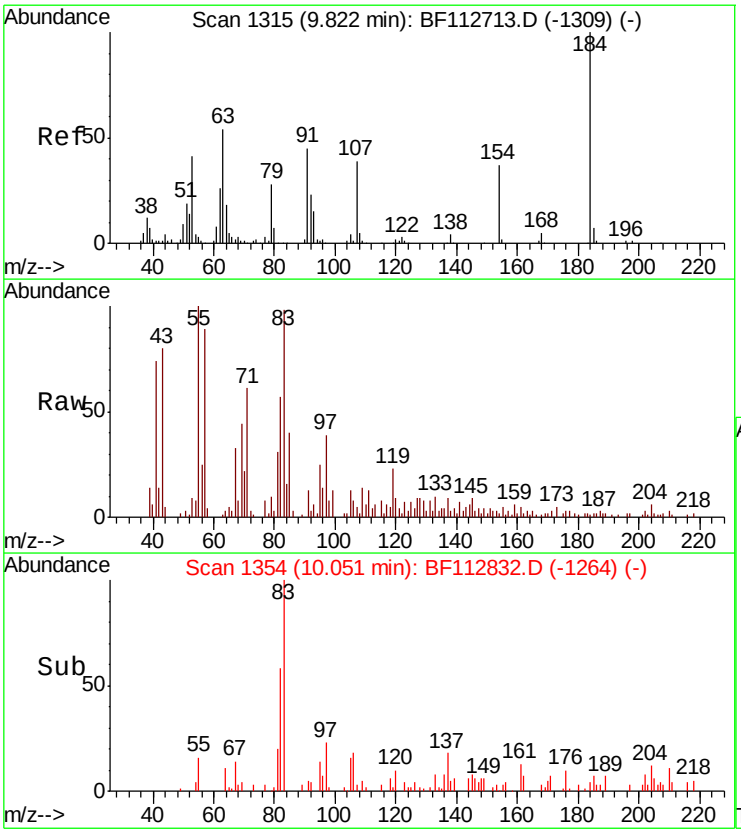
#45
2-Fluorobiphenyl
Concen: 16.200 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion:172 Resp: 318272

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	22.9	20.0	30.0

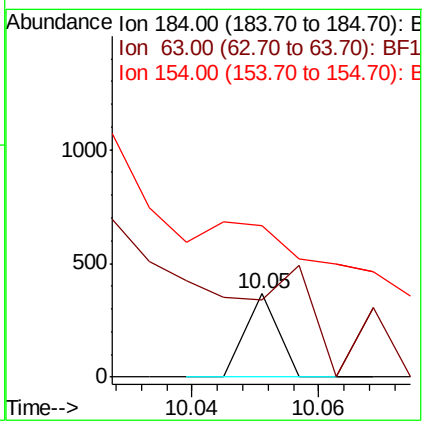


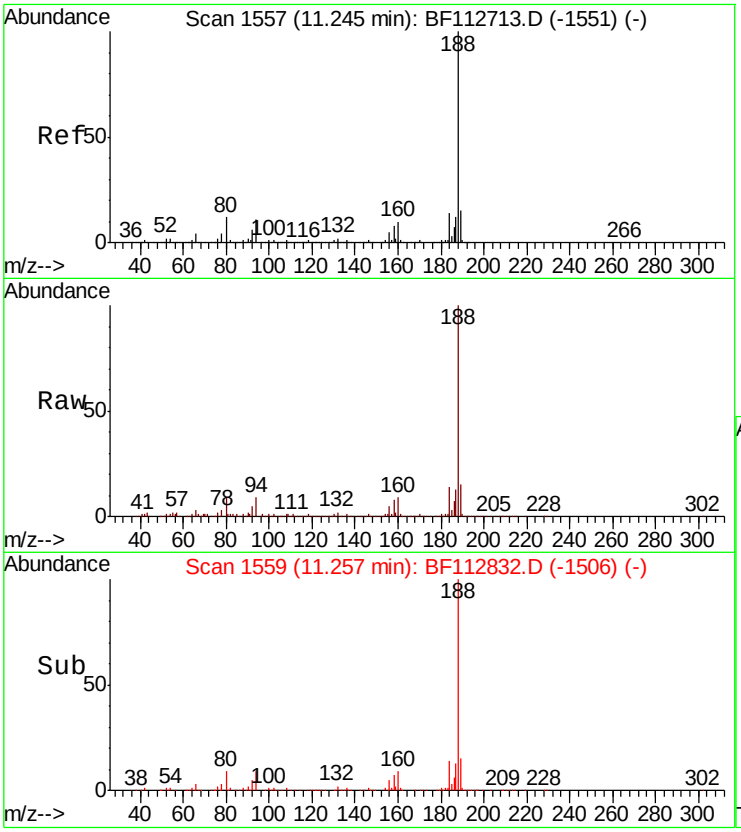


#54
2,4-Dinitrophenol
Concen: 6.528 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.23 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:184 Resp: 129

Ion	Ratio	Lower	Upper
184	100		
63	92.9	45.3	67.9#
154	182.0	46.0	69.0#



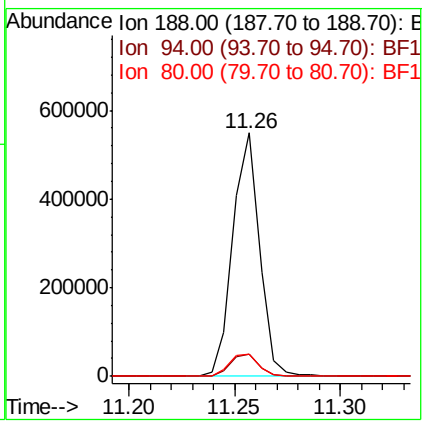


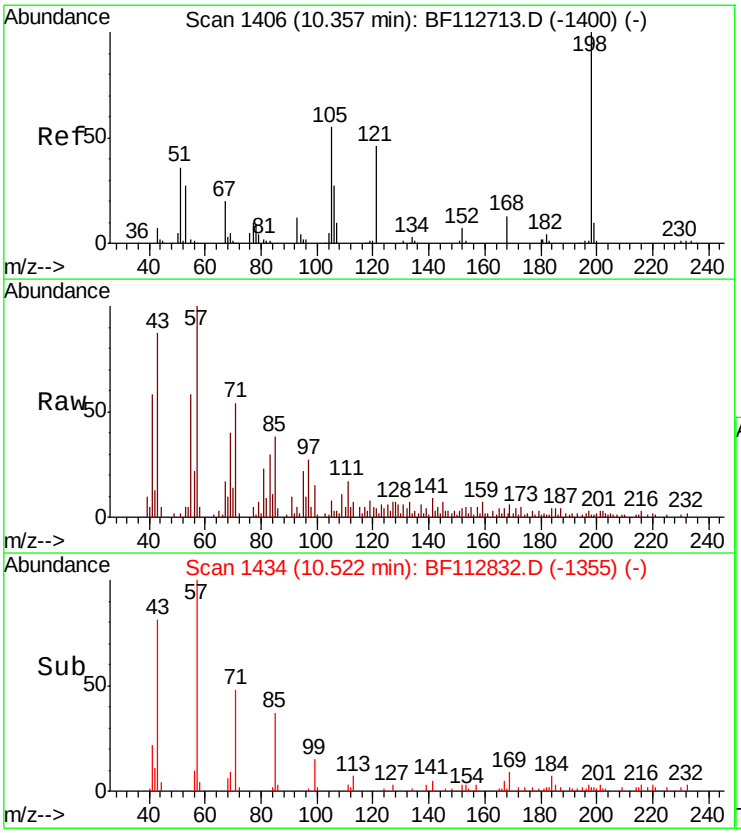
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion:188 Resp: 478245

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.3	9.2	13.8

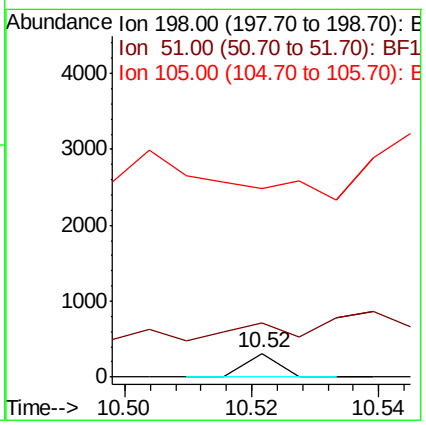


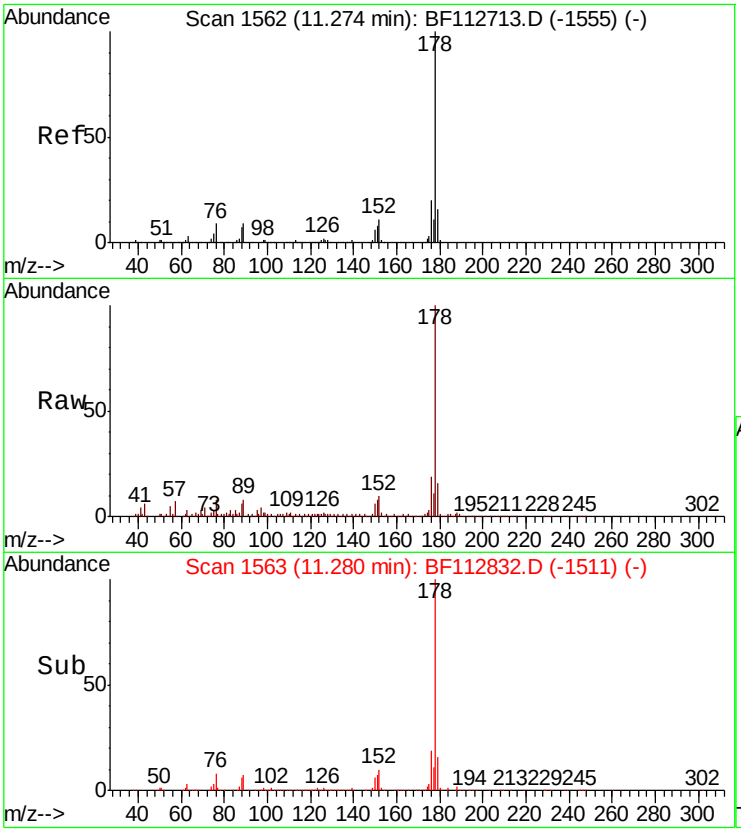


#65
4,6-Dinitro-2-methylphenol
Concen: 4.663 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.17 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:198 Resp: 109

Ion	Ratio	Lower	Upper
198	100		
51	232.6	43.8	83.8#
105	803.2	36.5	76.5#



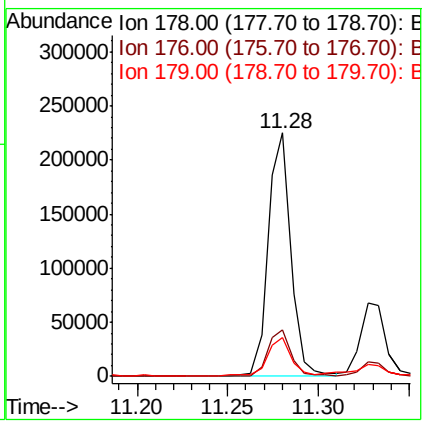


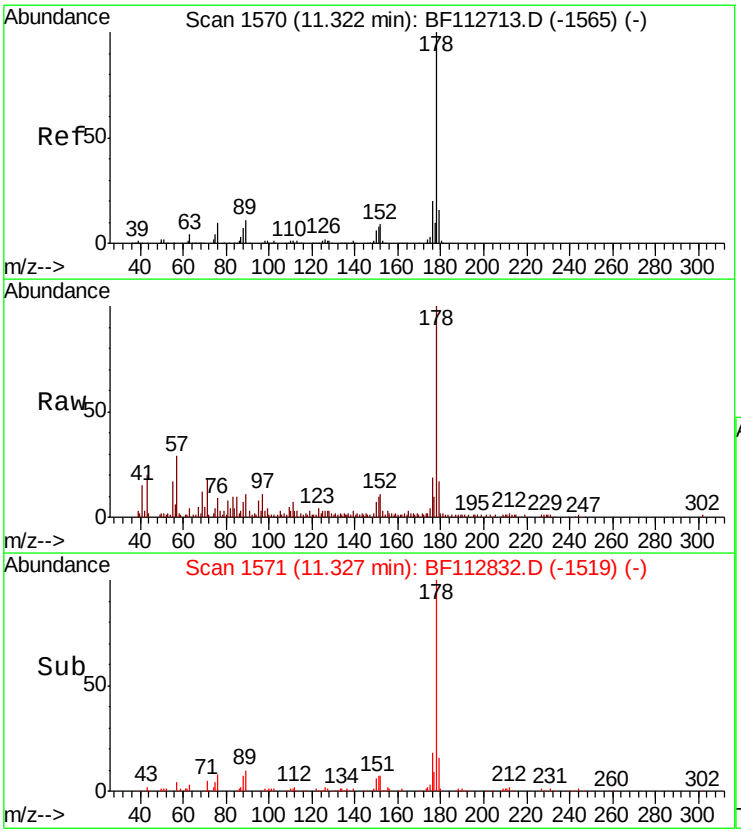
#71
Phenanthrene
Concen: 8.160 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion:178 Resp: 194165

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	15.8	12.7	19.1

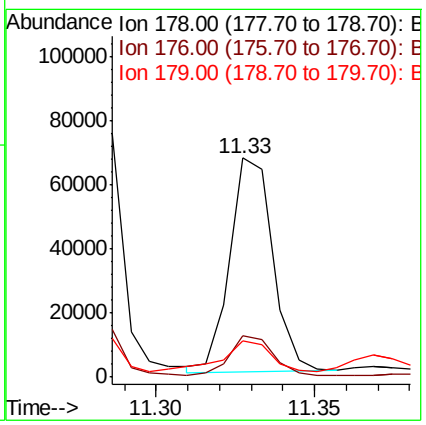


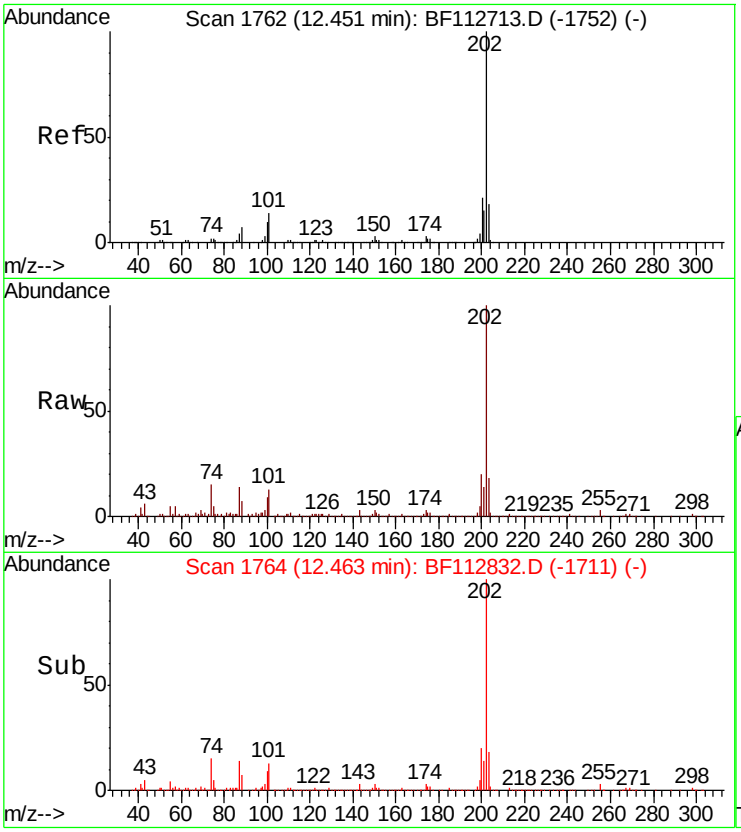


#72
Anthracene
Concen: 2.499 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:178 Resp: 62252

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	16.8	13.0	19.6



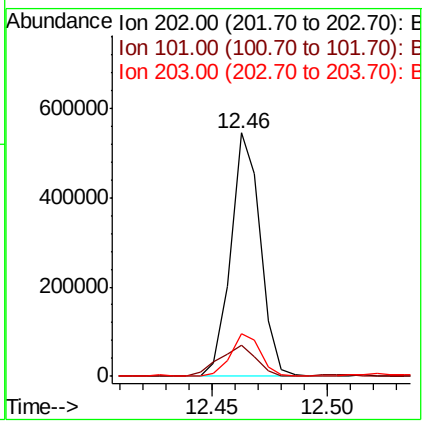


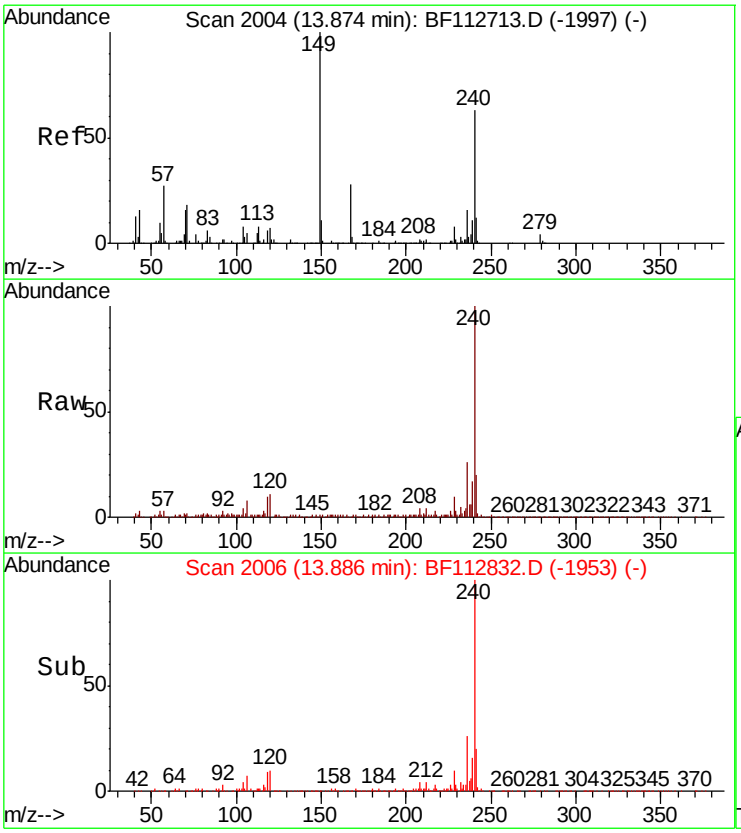
#75
Fluoranthene
Concen: 18.891 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion:202 Resp: 481590

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.8
203	17.7	0.0	38.4

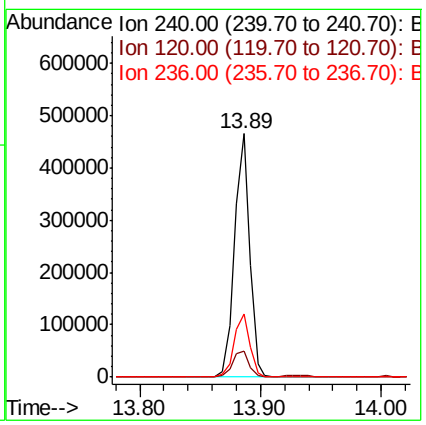


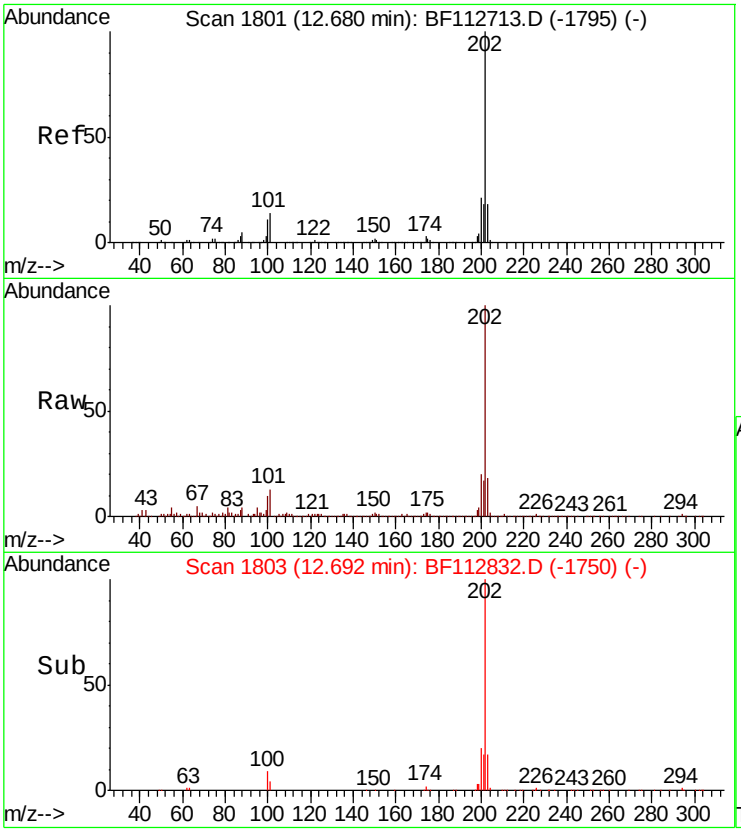


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:240 Resp: 406424

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.0	20.7	31.1



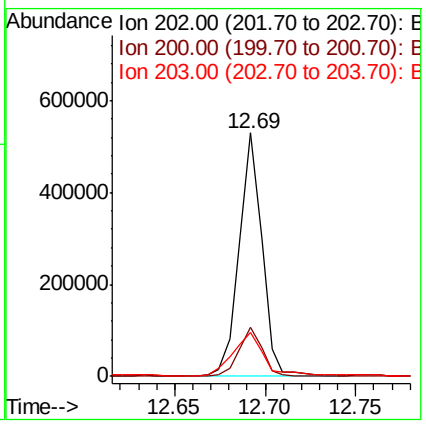


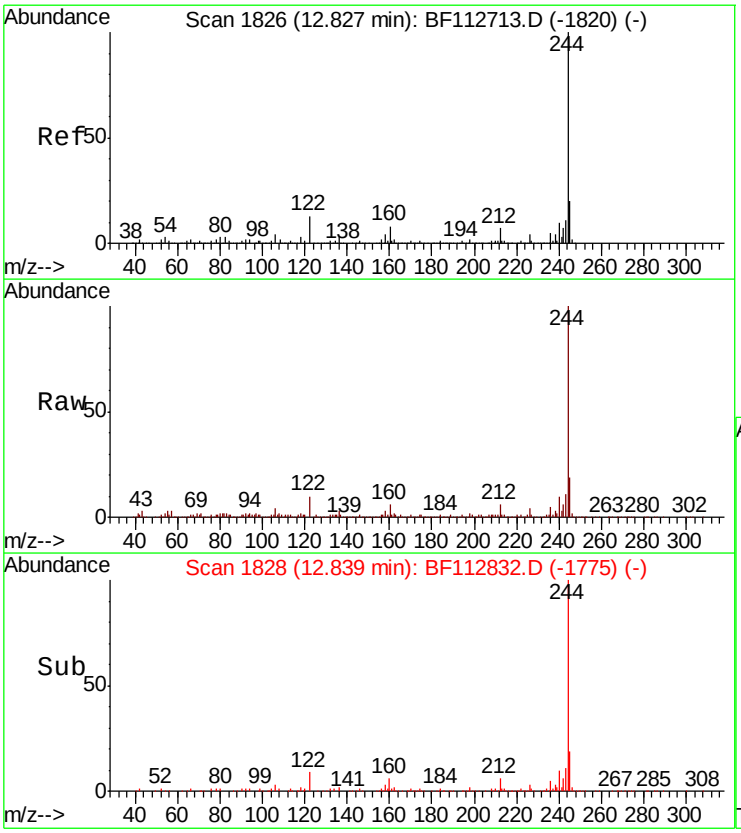
#78
Pyrene
Concen: 13.477 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion:202 Resp: 461744

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.4
203	17.9	14.4	21.6

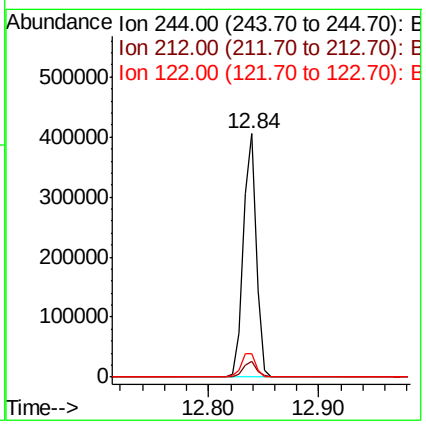


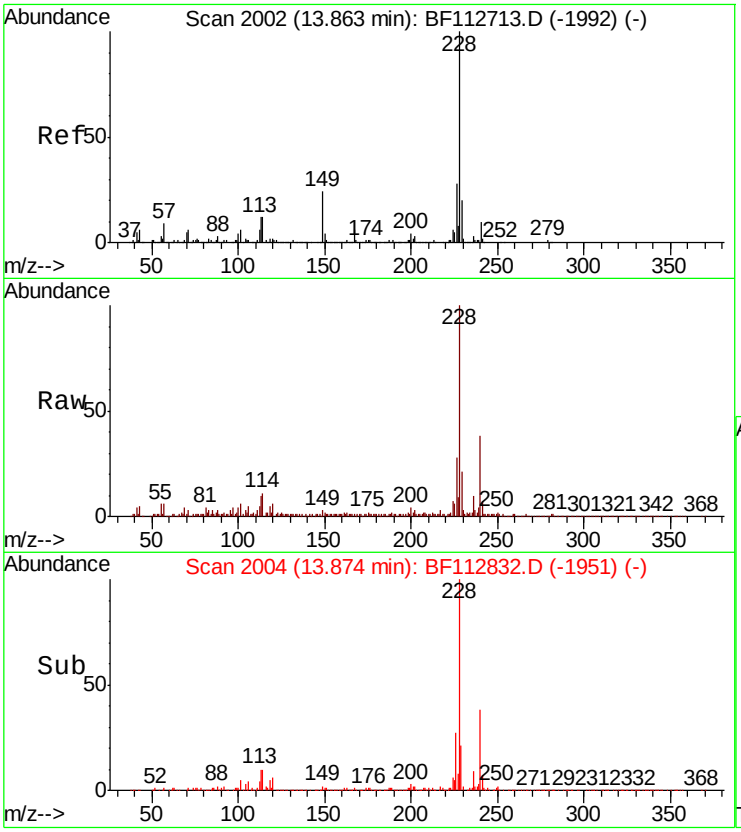


#79
Terphenyl-d14
Concen: 16.032 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:244 Resp: 336121

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	9.9	10.5	15.7#



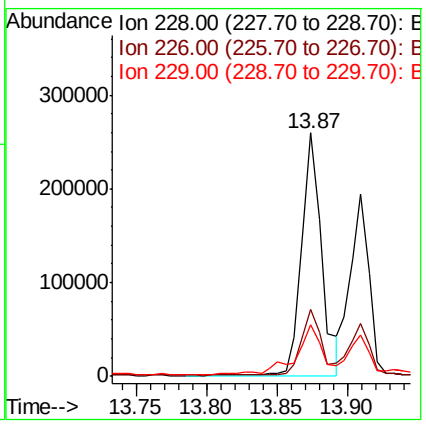


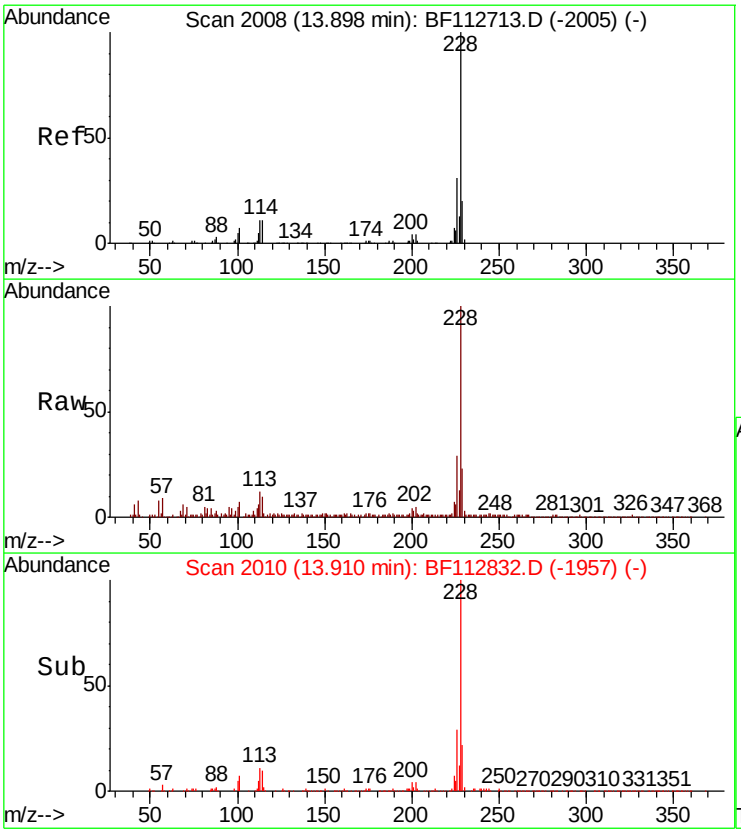
#81
Benzo(a)anthracene
Concen: 9.065 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion:228 Resp: 255331

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.4
229	21.3	16.0	24.0

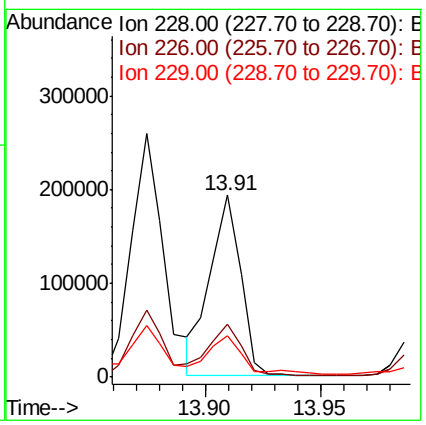


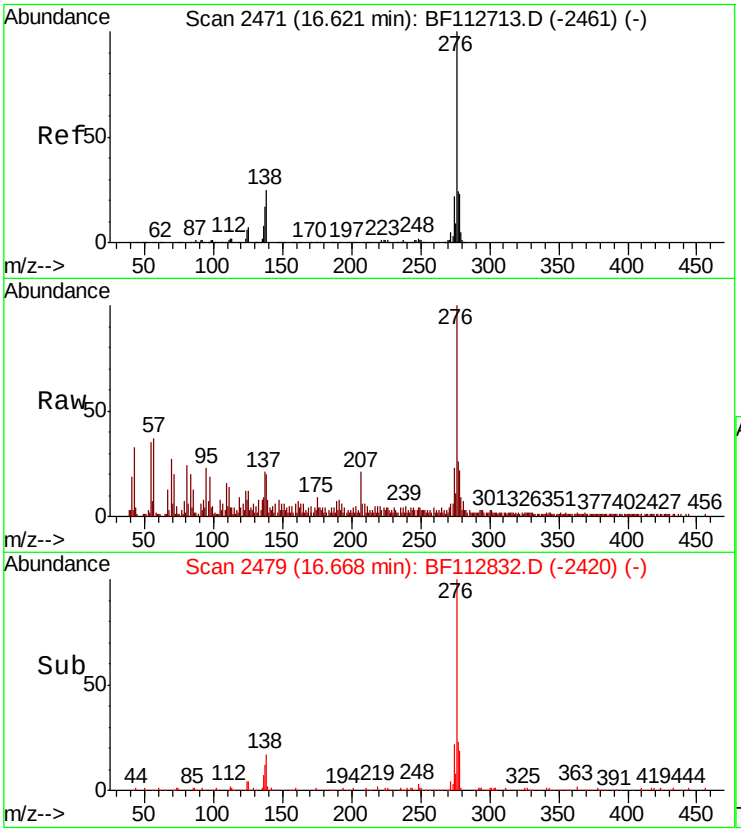


#83
Chrysene
Concen: 6.529 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:228 Resp: 180136

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	22.9	16.3	24.5



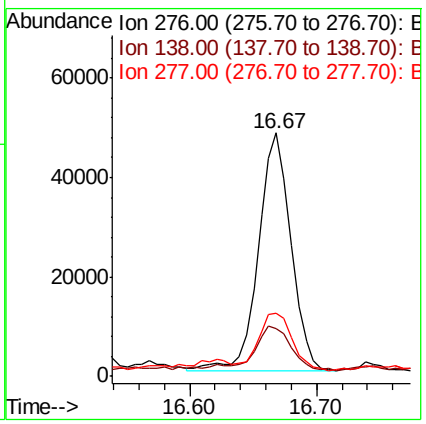


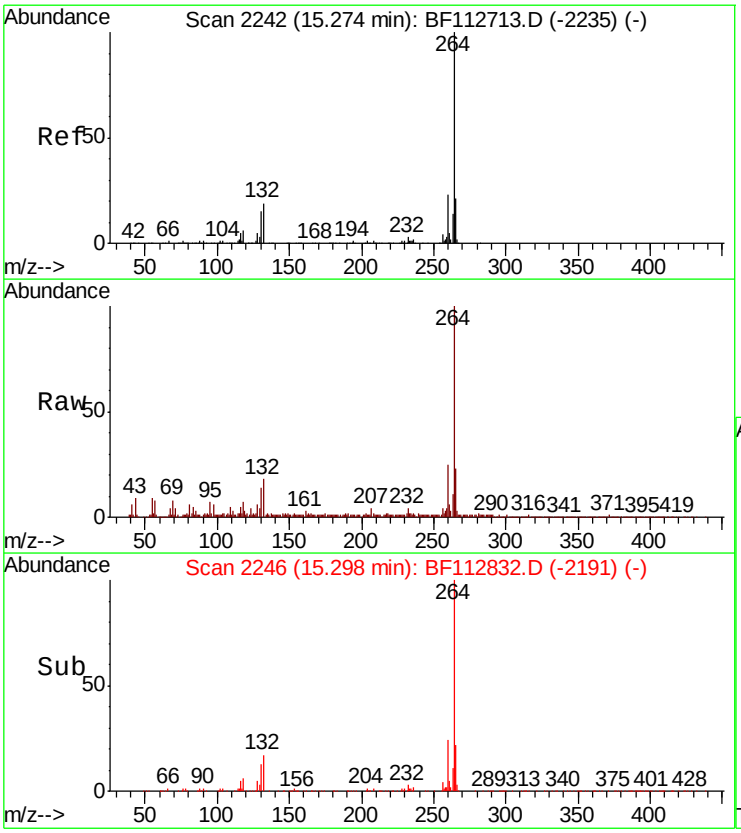
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.632 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.05 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion:276 Resp: 85436

Ion	Ratio	Lower	Upper
276	100		
138	21.9	23.2	34.8#
277	24.8	19.9	29.9

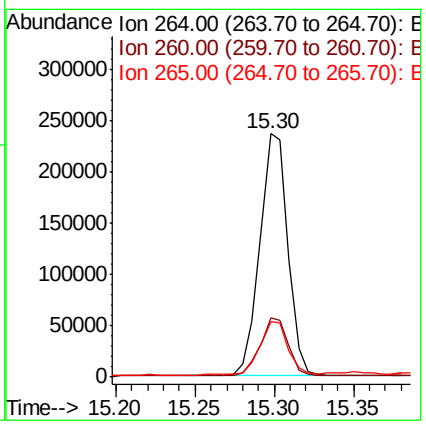


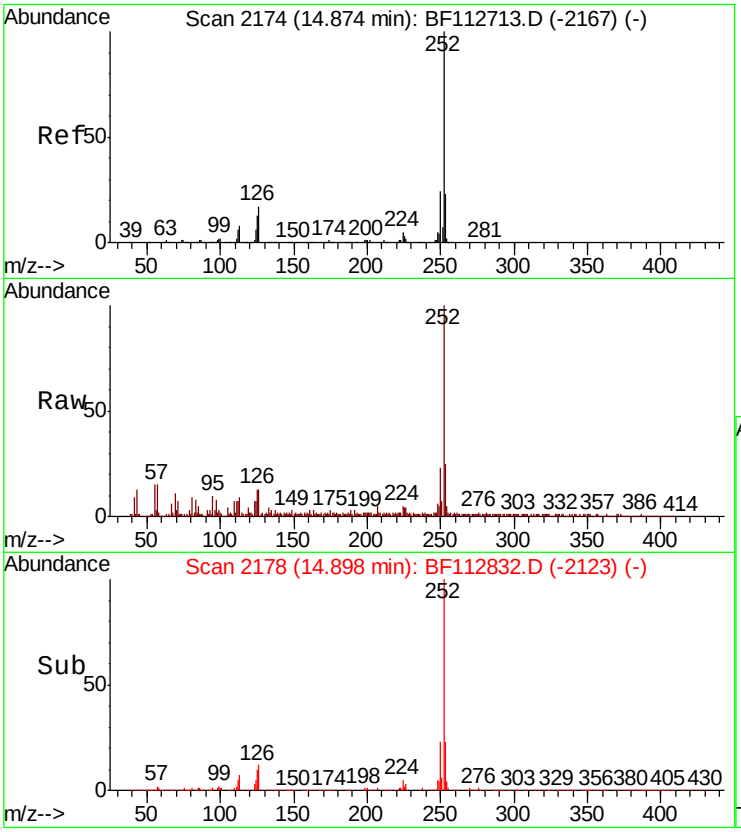


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.02 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:264 Resp: 294119

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.6	17.2	25.8



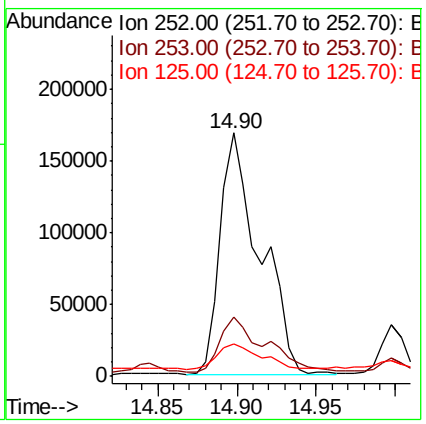


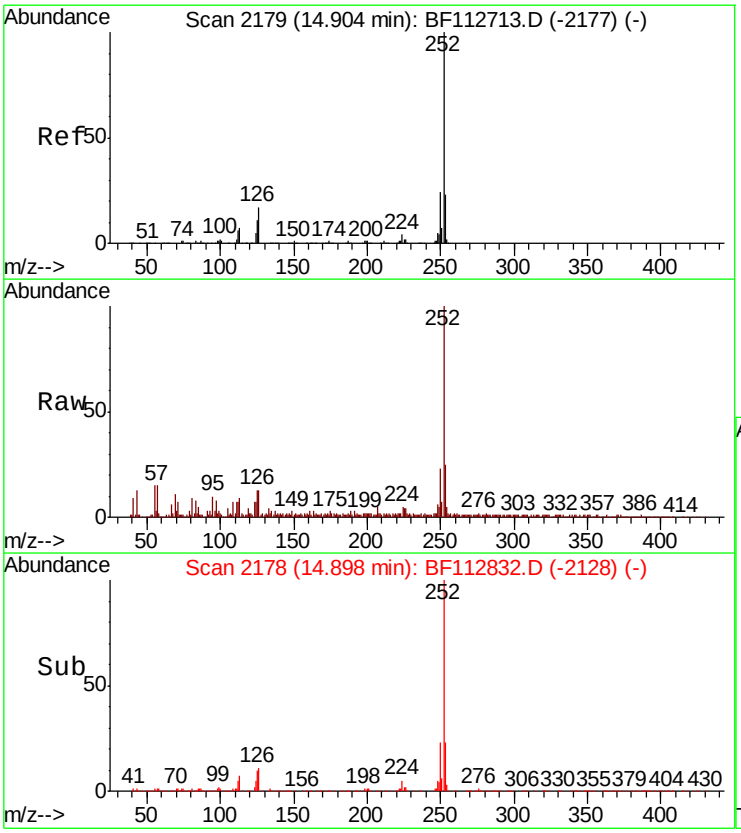
#88
Benzo(b)fluoranthene
Concen: 15.457 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.02 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion:252 Resp: 294056

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	13.2	10.2	15.2

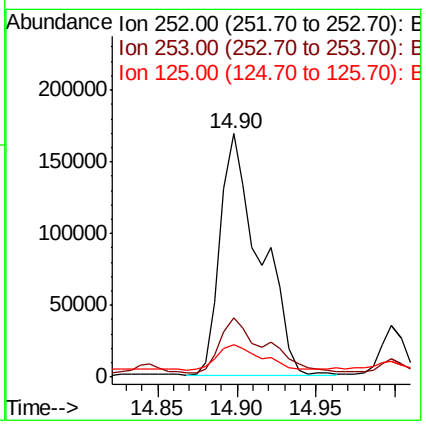


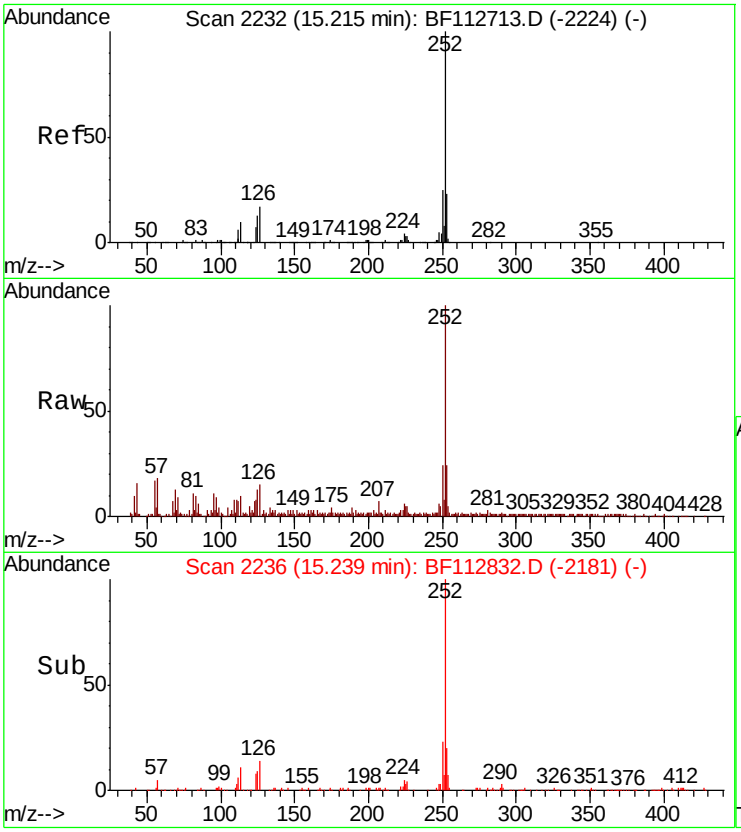


#89
Benzo(k)fluoranthene
Concen: 17.064 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:252 Resp: 294056

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	13.2	9.8	14.6



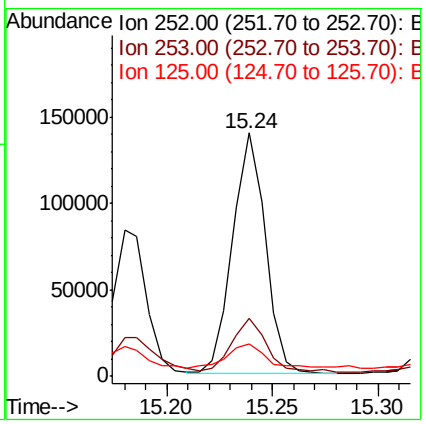


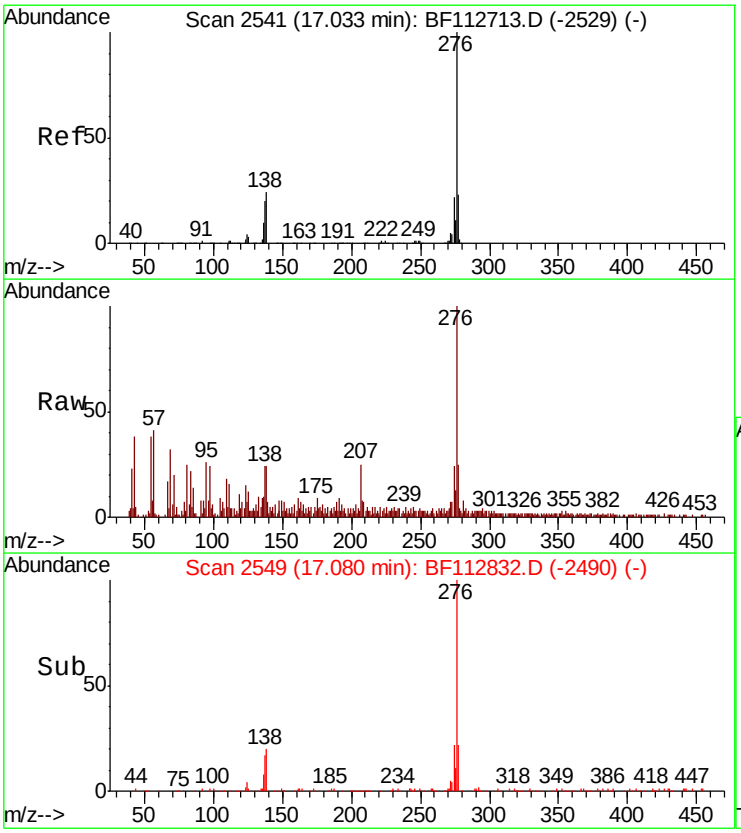
#90
Benzo(a)pyrene
Concen: 8.940 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.02 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-B

Tgt Ion:252 Resp: 150438

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	13.3	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 5.250 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.05 min
Lab File: BF112832.D
Acq: 4 Mar 2019 18:51

Tgt Ion:276 Resp: 75700

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	27.8
138	23.6	19.4	29.0