Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113372.D
Acq On : 28 Mar 2019 14:13
Operator : JU/SJ
Sample : K1950-01 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-005-A

Quant Time: Mar 28 14:53:47 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	175039	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	639292	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	268903	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	478589	20.00	ng		0.00
76) Chrysene-d12	13.84	240	406263	20.00	ng		0.00
87) Perylene-d12	15.24	264	296551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	305811	28.57	ng		0.00
7) Phenol-d6	6.35	99	545187	40.26	ng		-0.01
23) Nitrobenzene-d5	7.26	82	317955	29.52	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	47563	14.32	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	609311	22.56	ng		0.00
79) Terphenyl-d14	12.79	244	571458	31.00	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.36	94	33684	2.179	ng	#	76
31) Naphthalene	8.00	128	94646	3.030	ng		97
37) 2-Methylnaphthalene	8.70	142	49025	2.515	ng		98
58) Fluorene	10.28	166	44615	2.426	ng		98
71) Phenanthrene	11.23	178	270545	11.383	ng		98
72) Anthracene	11.29	178	69069	2.861	ng		99
75) Fluoranthene	12.42	202	271747	10.114	ng		99
78) Pyrene	12.65	202	255563	9.078	ng		98
81) Benzo(a)anthracene	13.83	228	110197	4.739	ng	#	93
83) Chrysene	13.86	228	106412	4.505	ng	#	93
90) Benzo(a)pyrene	15.19	252	63736	3.903	ng	#	74
92) Benzo(g,h,i)perylene	17.02	276	39083	2.745	ng	#	77

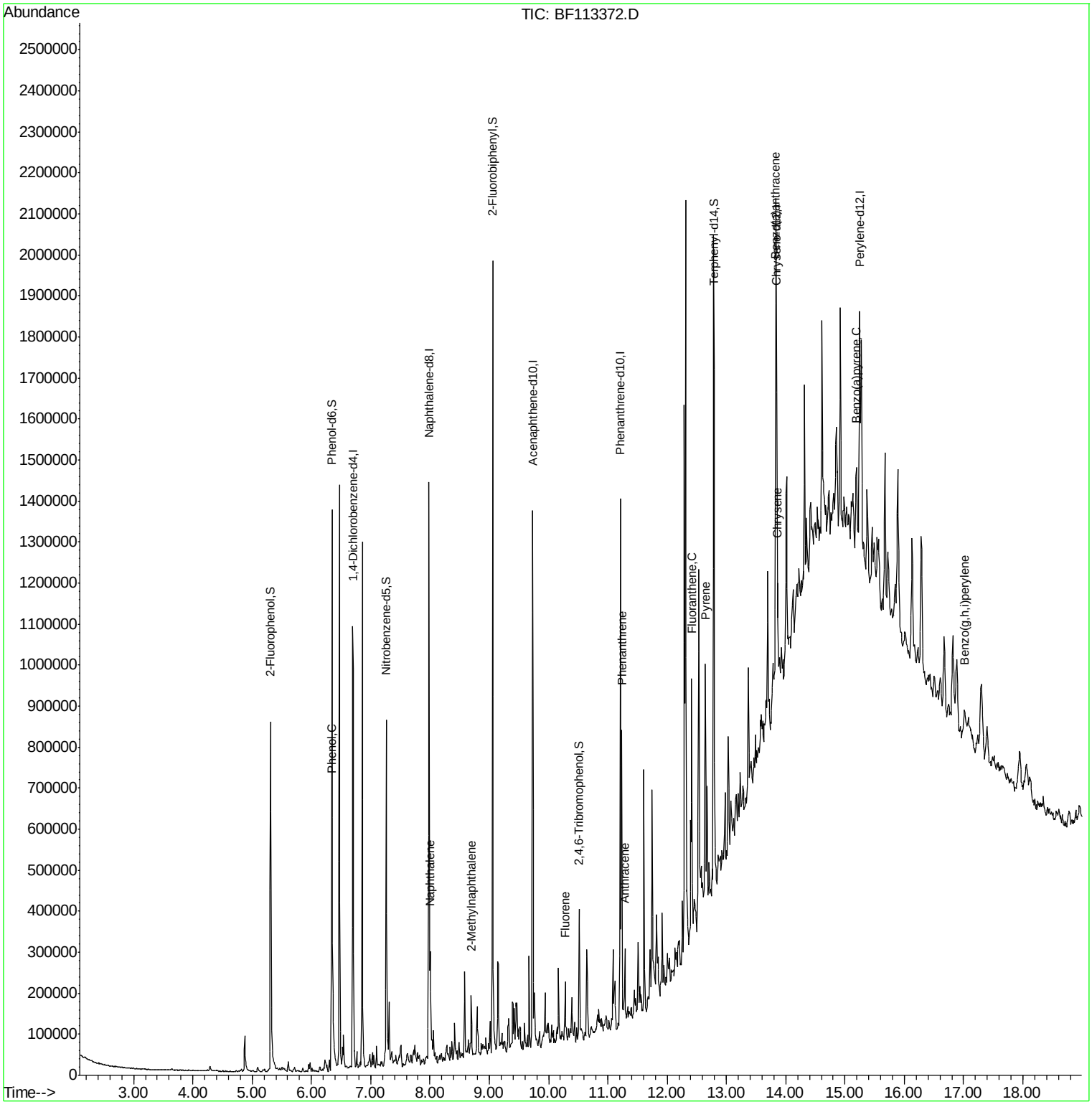
(#) = qualifier out of range (m) = manual integration (+) = signals summed

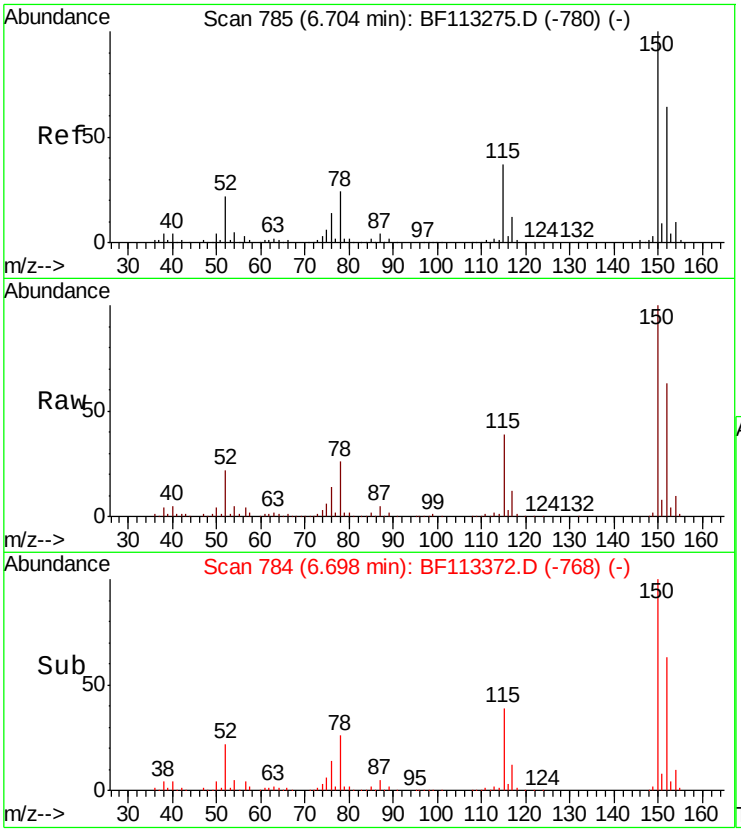
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113372.D
Acq On : 28 Mar 2019 14:13
Operator : JU/SJ
Sample : K1950-01 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Quant Time: Mar 28 14:53:47 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



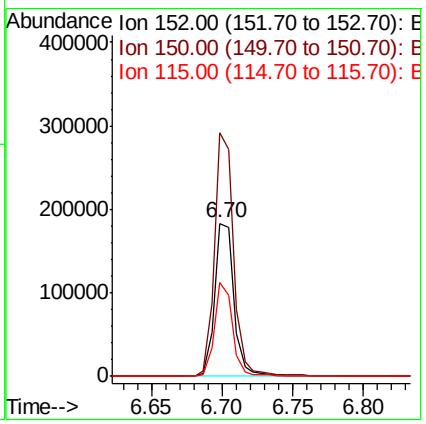


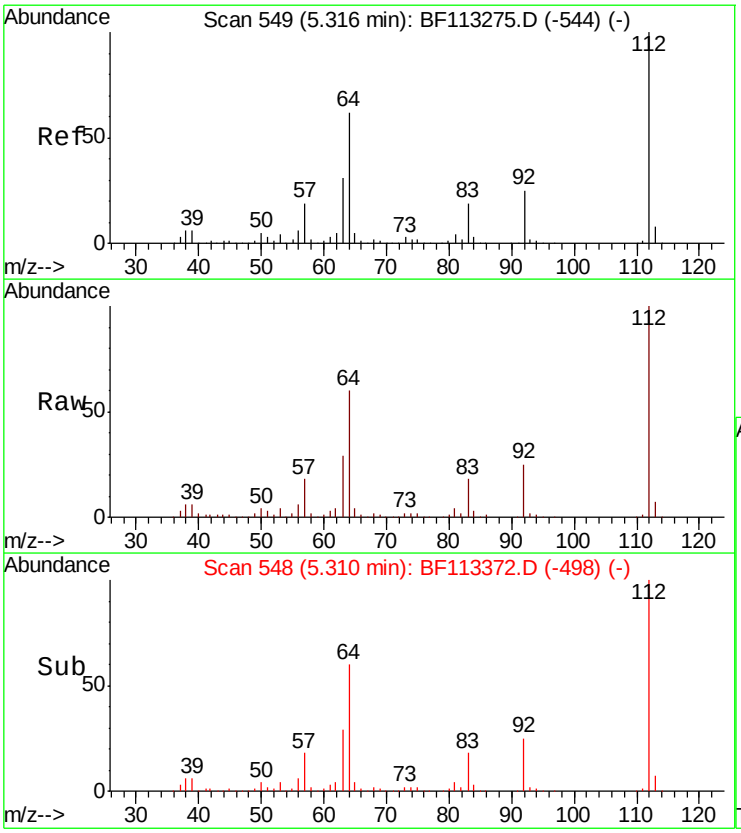
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Tgt Ion:152 Resp: 175039

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.7	187.1
115	61.5	46.0	69.0

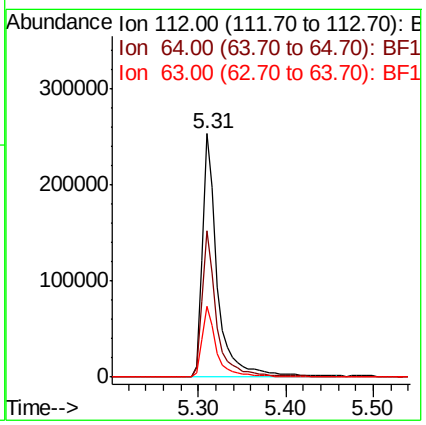


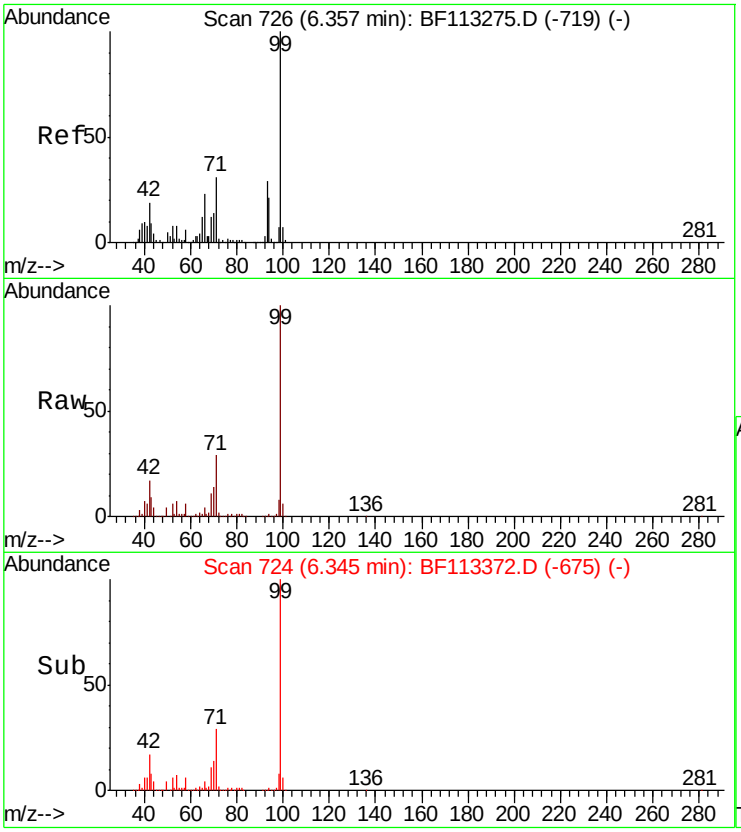


#5
2-Fluorophenol
Concen: 28.567 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Tgt Ion:112 Resp: 305811

Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.2	73.8
63	29.2	24.9	37.3



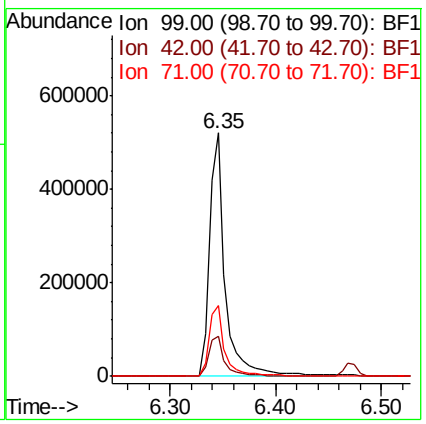


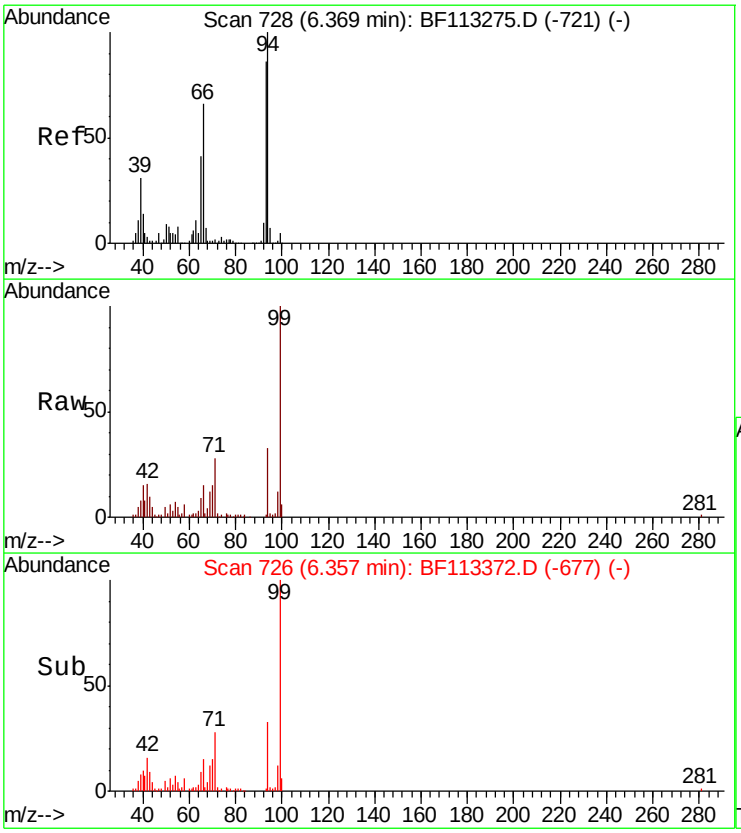
#7
Phenol-d6
Concen: 40.258 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Tgt Ion: 99 Resp: 545187

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.8	22.2
71	29.2	24.9	37.3

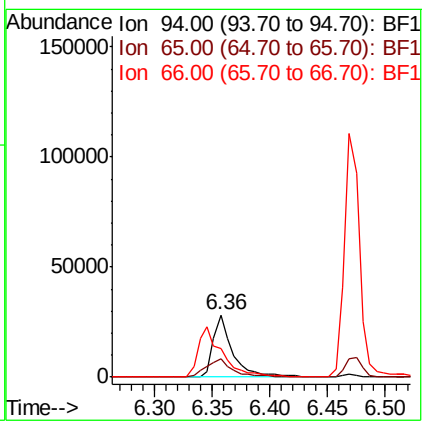


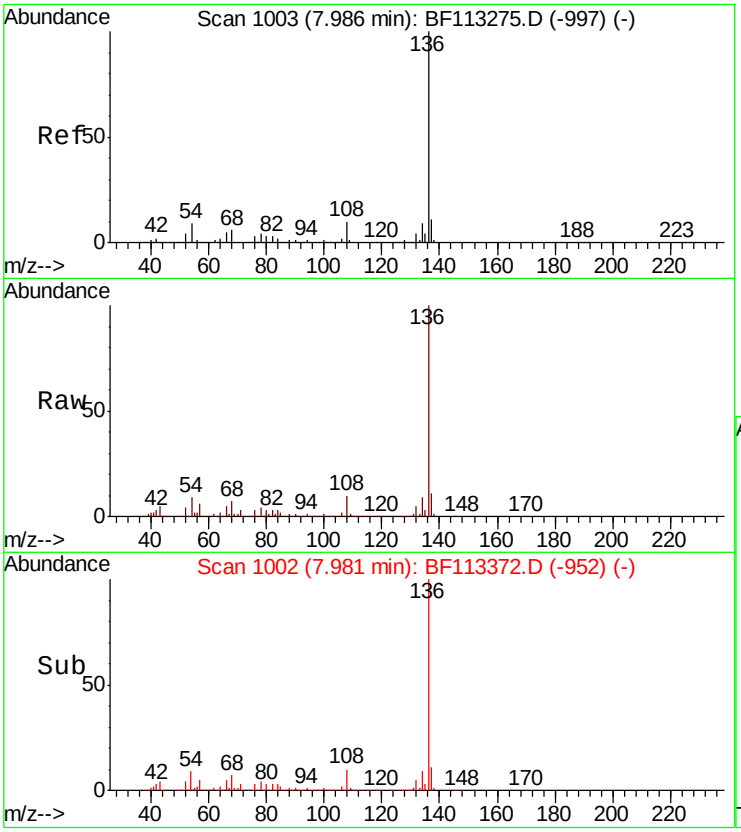


#10
Phenol
Concen: 2.179 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Tgt Ion: 94 Resp: 33684

Ion	Ratio	Lower	Upper
94	100		
65	29.1	21.4	61.4
66	45.2	46.4	86.4#



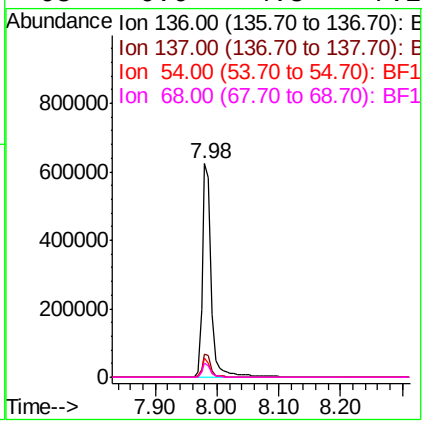


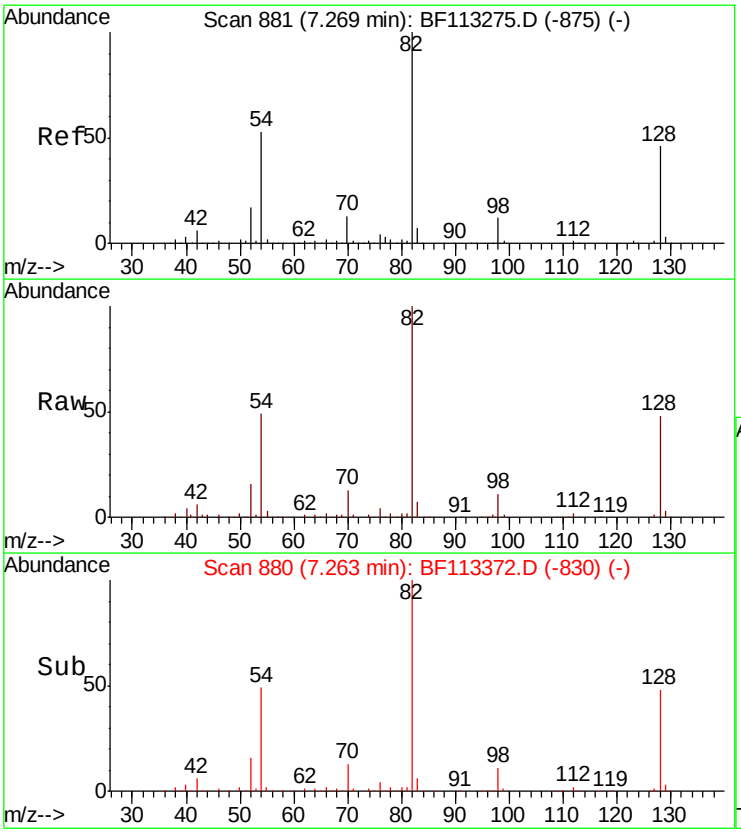
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Tgt Ion:136 Resp: 639292

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.9	7.0	10.6
68	6.6	4.8	7.2

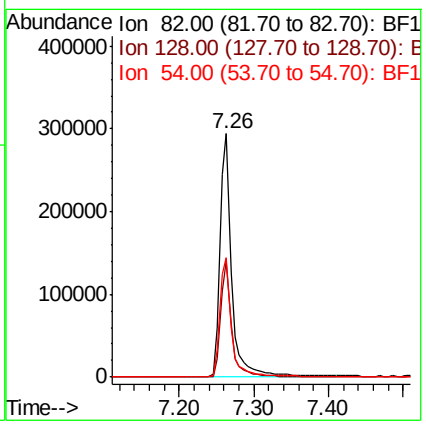


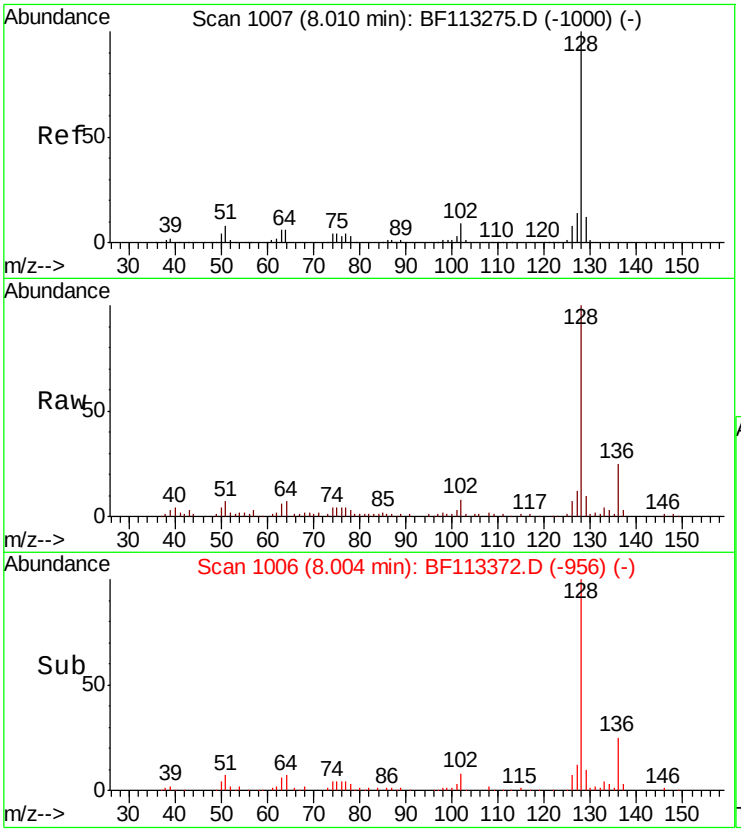


#23
Nitrobenzene-d5
Concen: 29.520 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Tgt Ion: 82 Resp: 317955

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.5	54.7
54	49.0	42.2	63.2



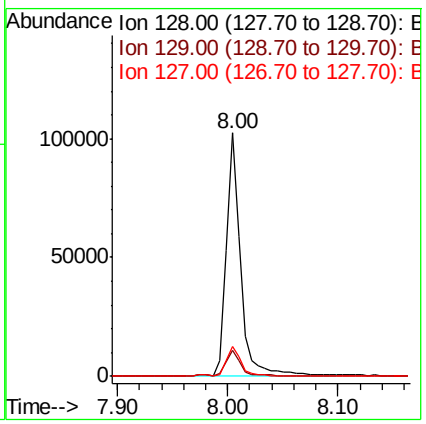


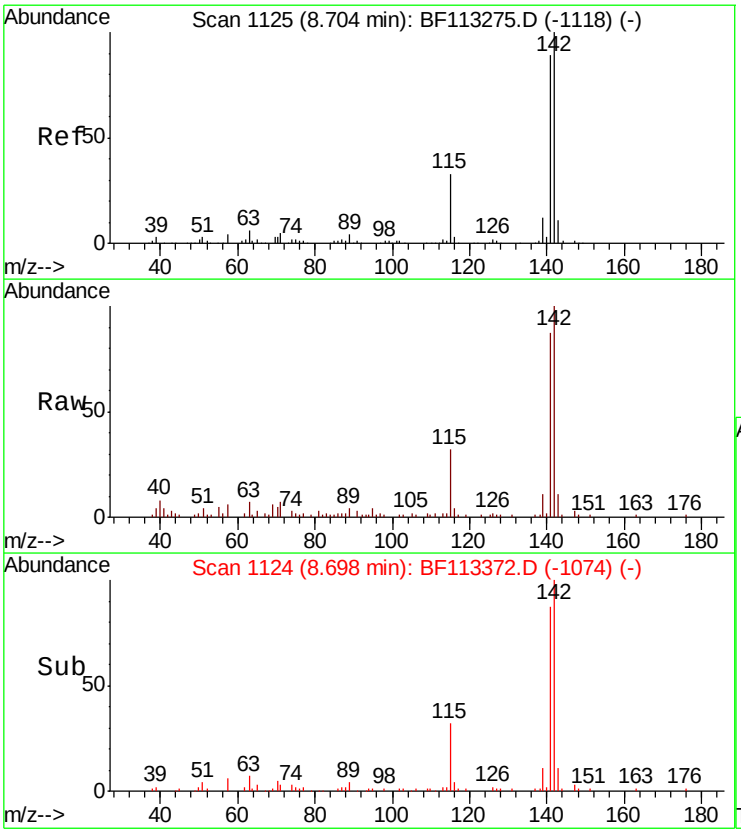
#31
Naphthalene
Concen: 3.030 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Tgt Ion:128 Resp: 94646

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.3	13.9
127	12.2	10.9	16.3

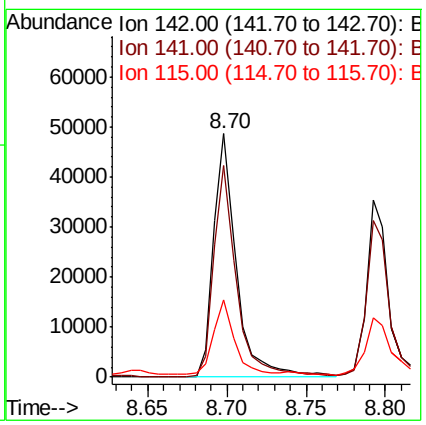


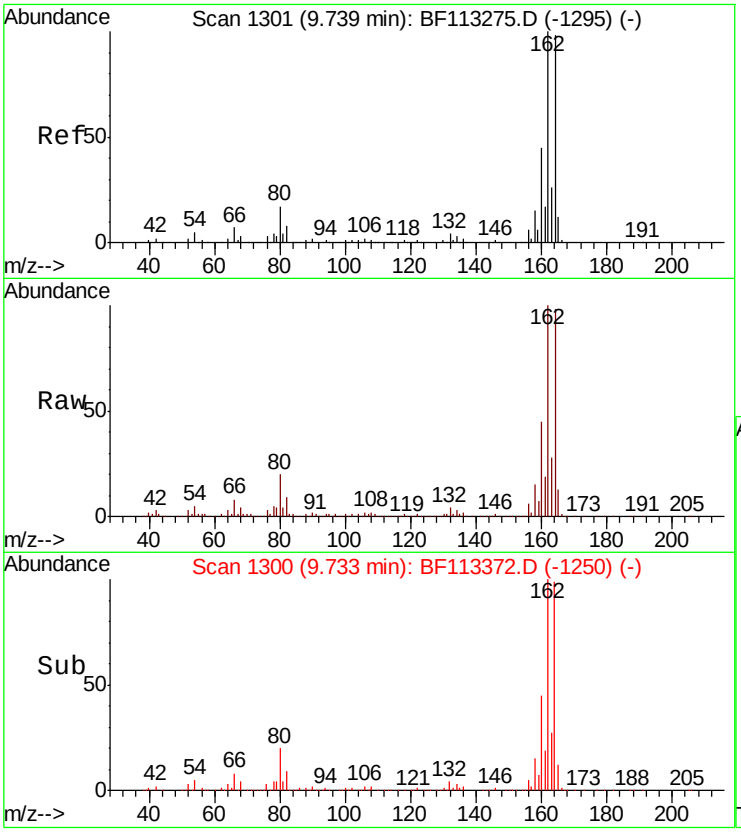


#37
2-Methylnaphthalene
Concen: 2.515 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Tgt Ion:142 Resp: 49025

Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.0	106.6
115	31.6	26.6	39.8



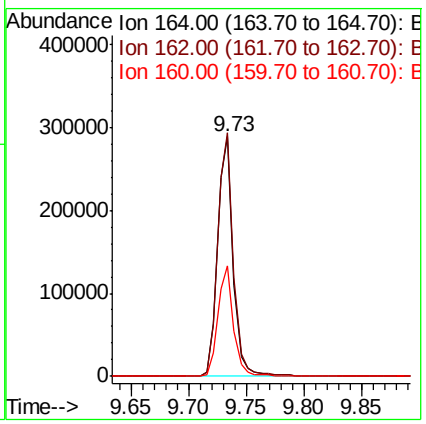


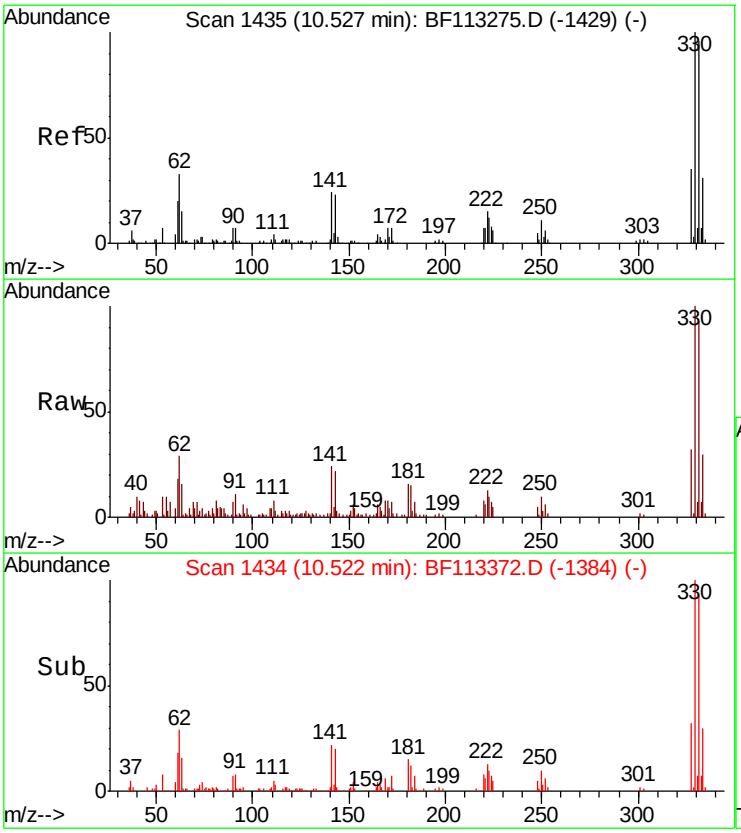
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Tgt Ion:164 Resp: 268903

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.6
160	46.1	36.4	54.6

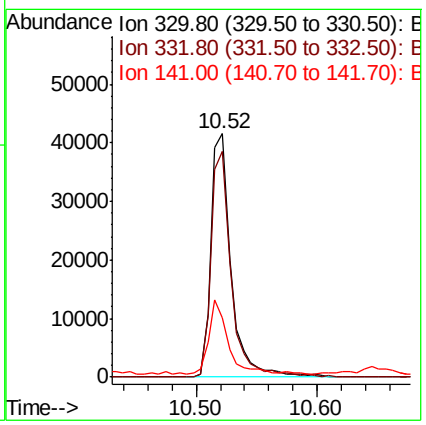


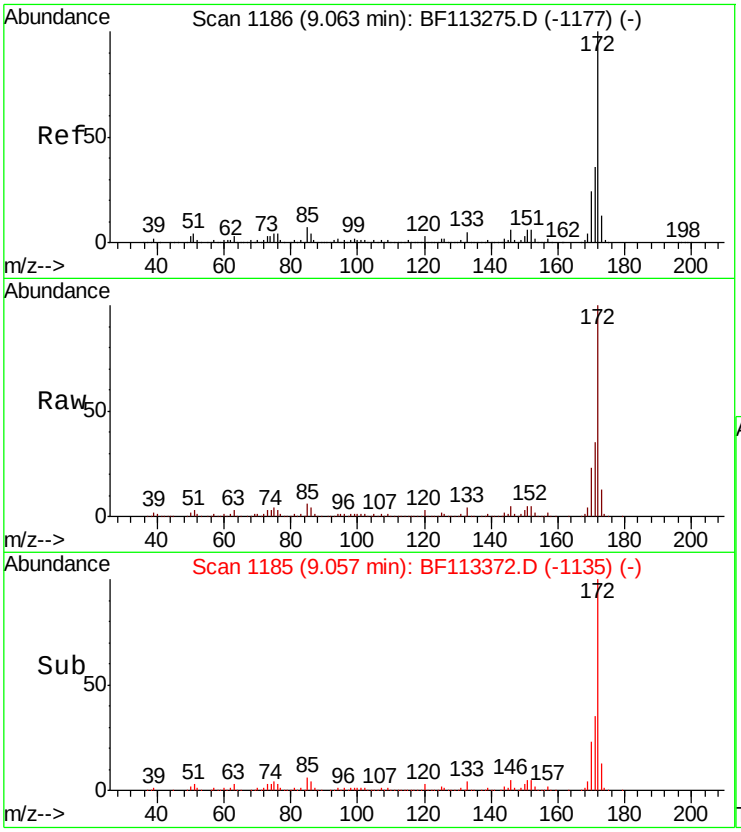


#42
2,4,6-Tribromophenol
Concen: 14.319 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Tgt Ion:330 Resp: 47563

Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.8	116.6
141	27.7	22.7	34.1



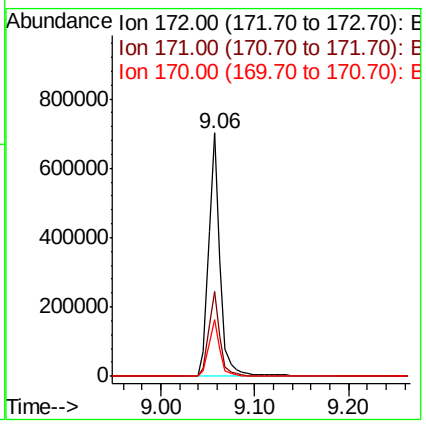


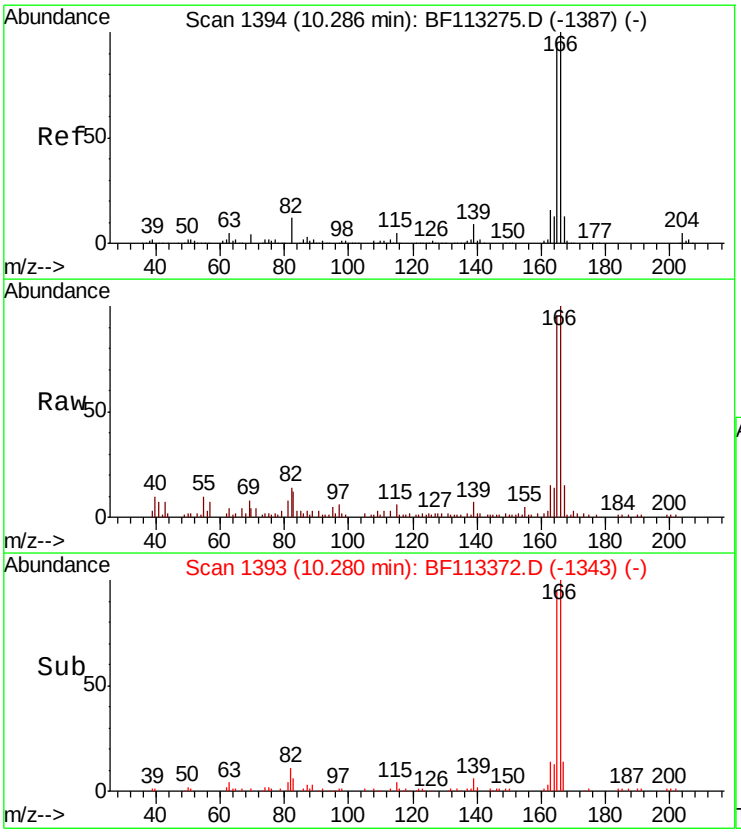
#45
2-Fluorobiphenyl
Concen: 22.559 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Tgt Ion:172 Resp: 609311

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.0	43.6
170	23.3	19.5	29.3

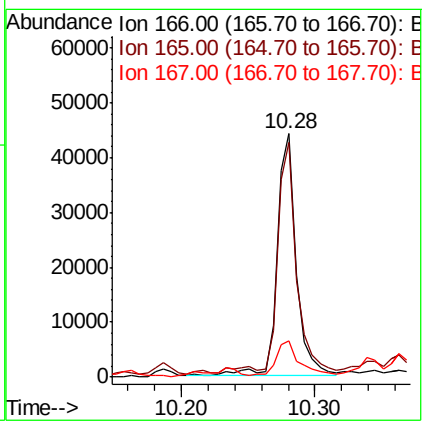


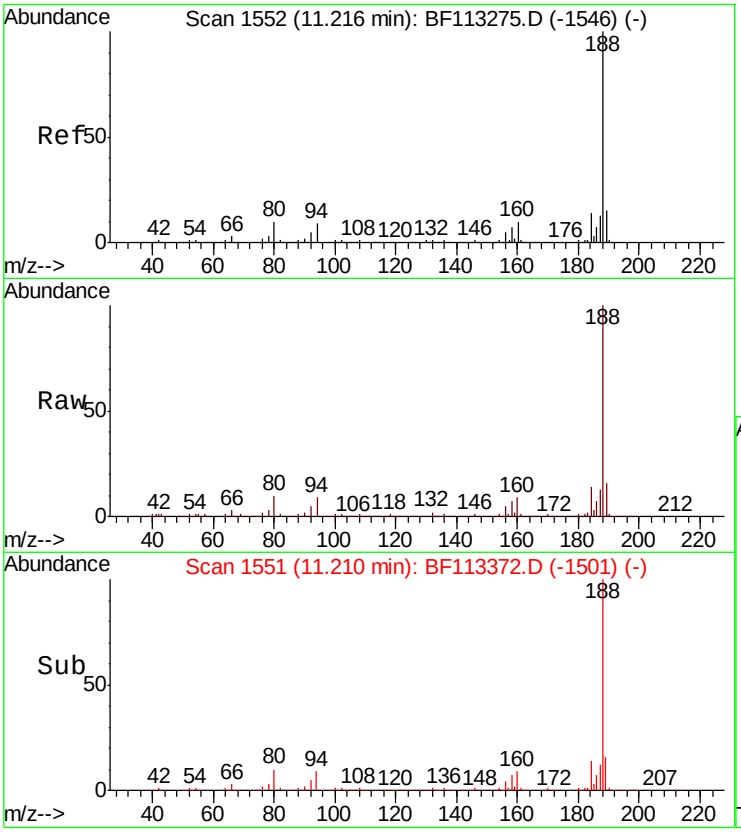


#58
Fluorene
Concen: 2.426 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Tgt Ion:166 Resp: 44615

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.2	114.2
167	14.8	10.7	16.1



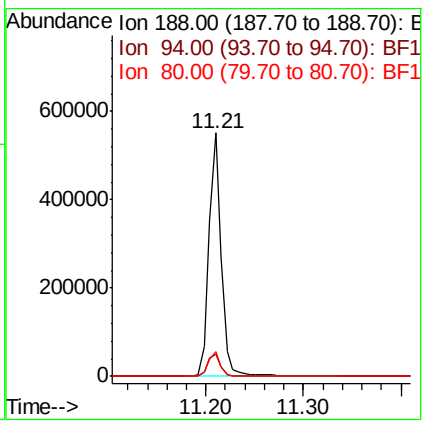


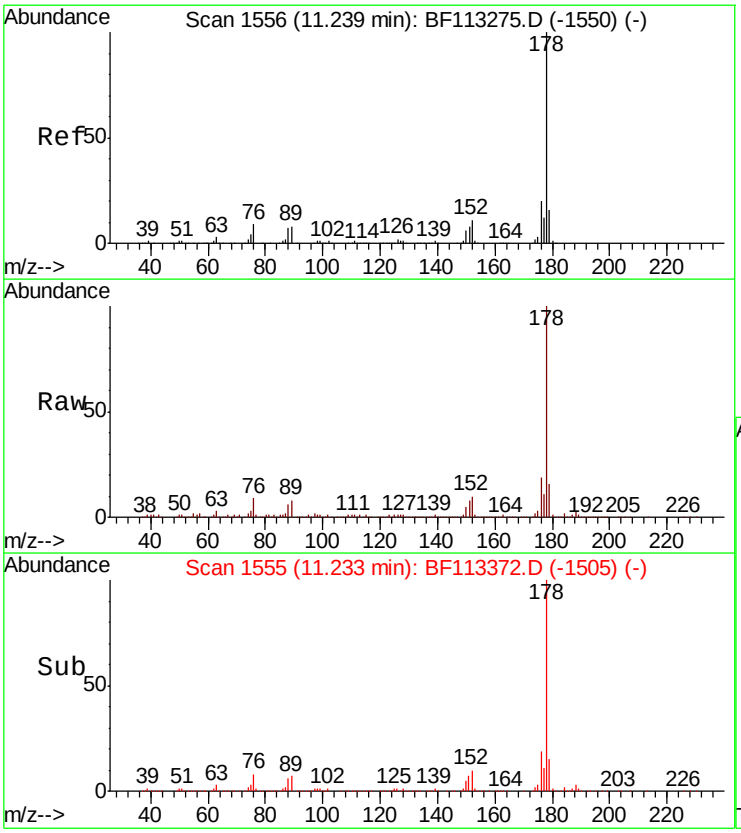
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Tgt Ion:188 Resp: 478589

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.6
80	9.9	7.7	11.5

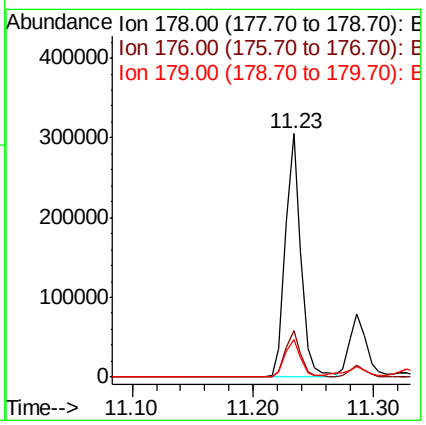


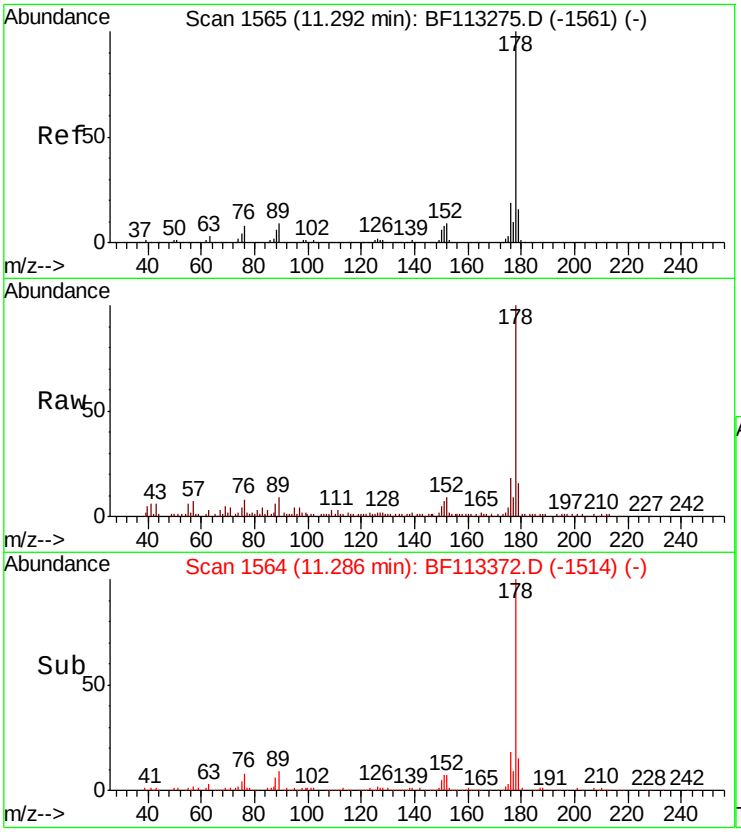


#71
Phenanthrene
Concen: 11.383 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Tgt Ion:178 Resp: 270545

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.2
179	15.5	12.7	19.1



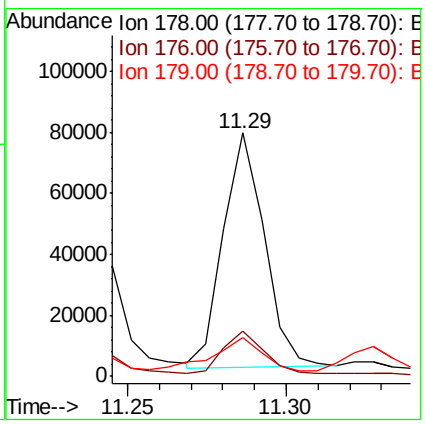


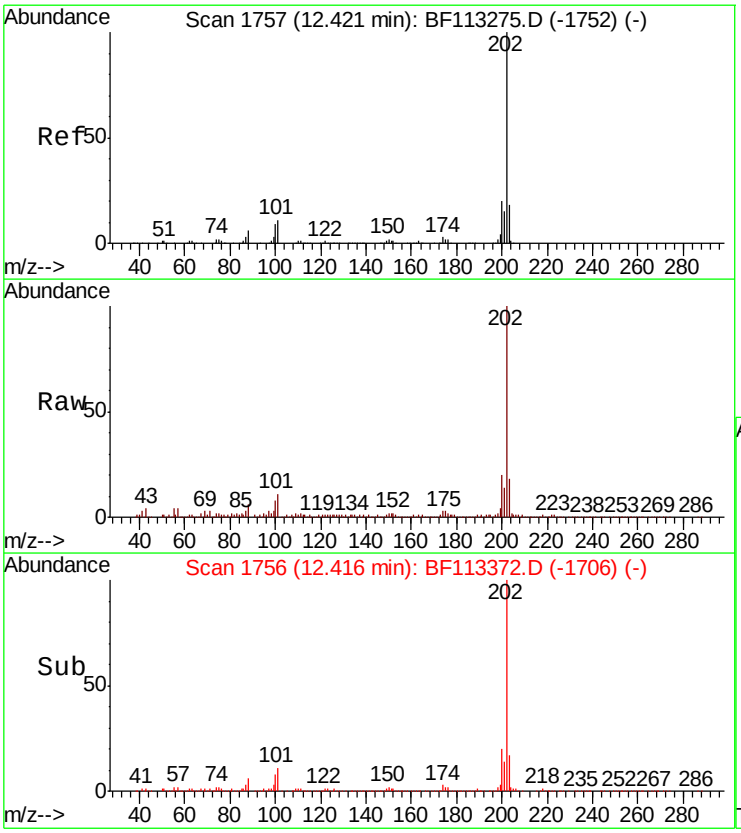
#72
Anthracene
Concen: 2.861 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Tgt Ion:178 Resp: 69069

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	16.0	12.8	19.2

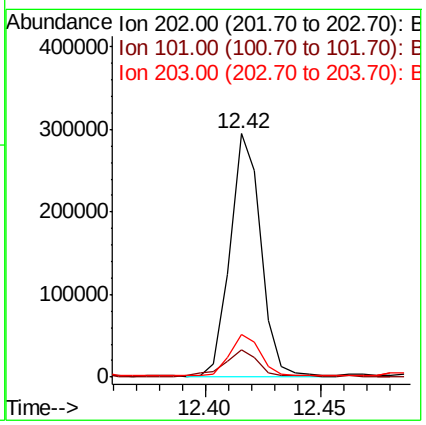


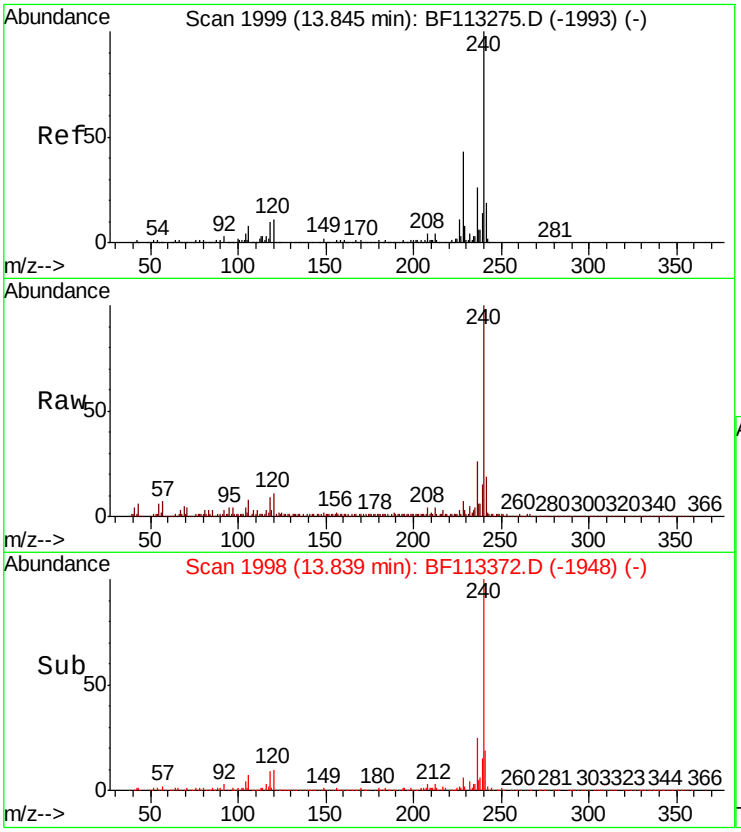


#75
Fluoranthene
Concen: 10.114 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Tgt Ion:202 Resp: 271747

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.7	0.0	38.0



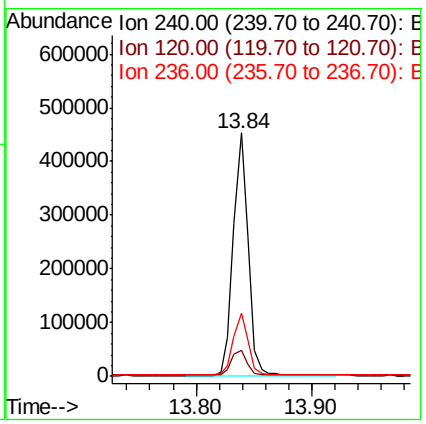


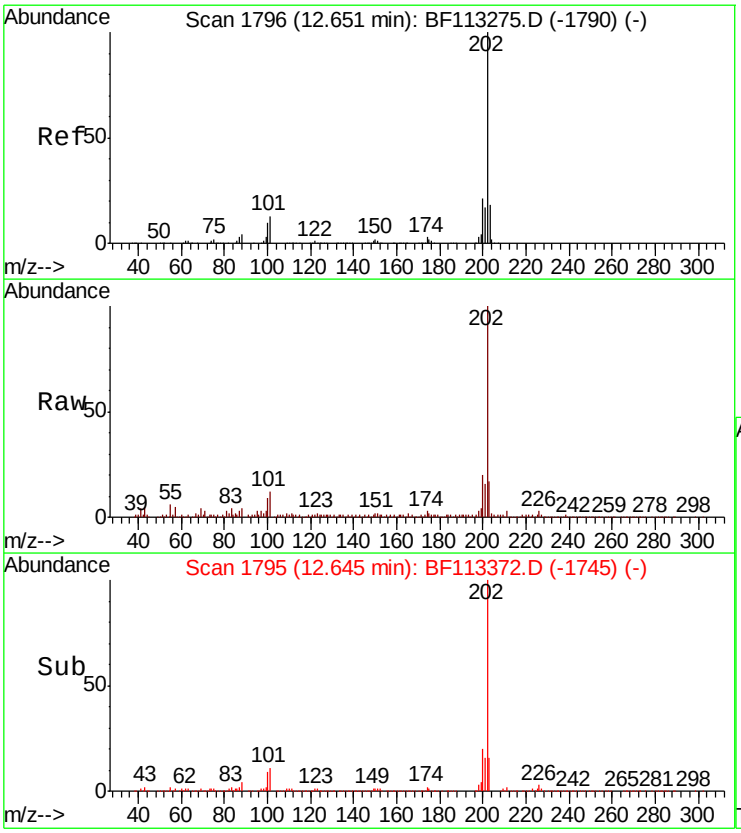
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Tgt Ion:240 Resp: 406263

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.8	13.2
236	25.7	20.9	31.3

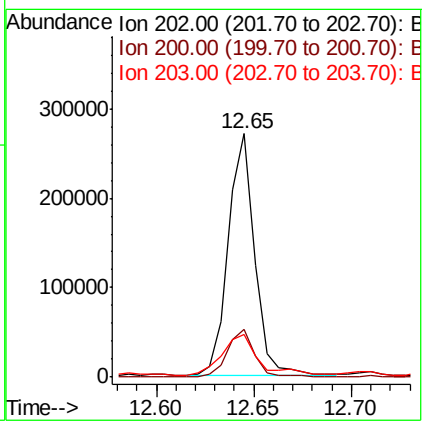


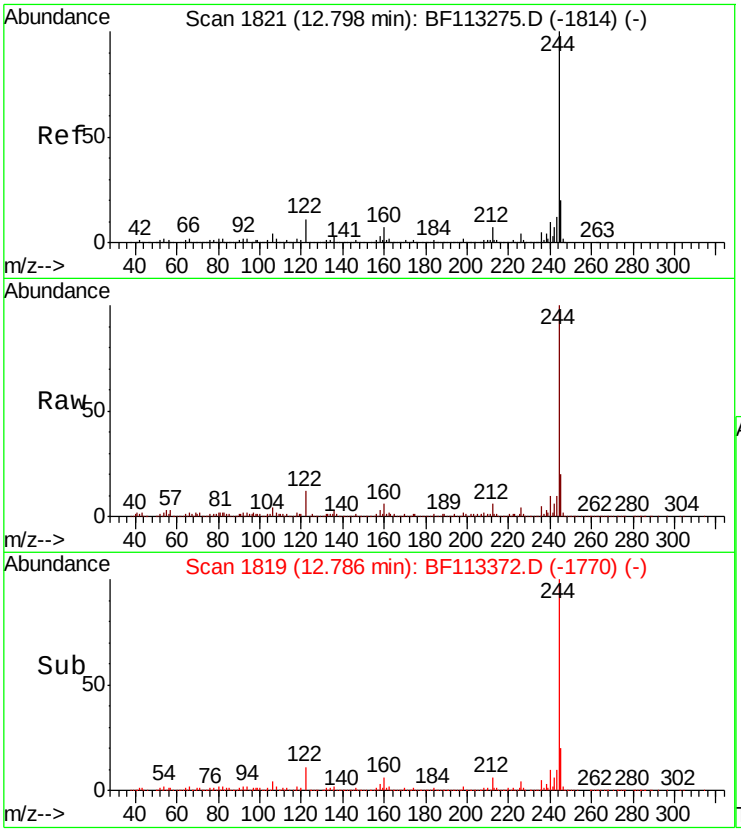


#78
Pyrene
Concen: 9.078 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Tgt Ion:202 Resp: 255563

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.8	25.2
203	17.3	14.4	21.6



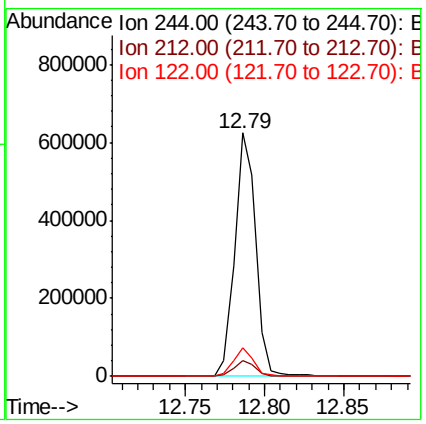


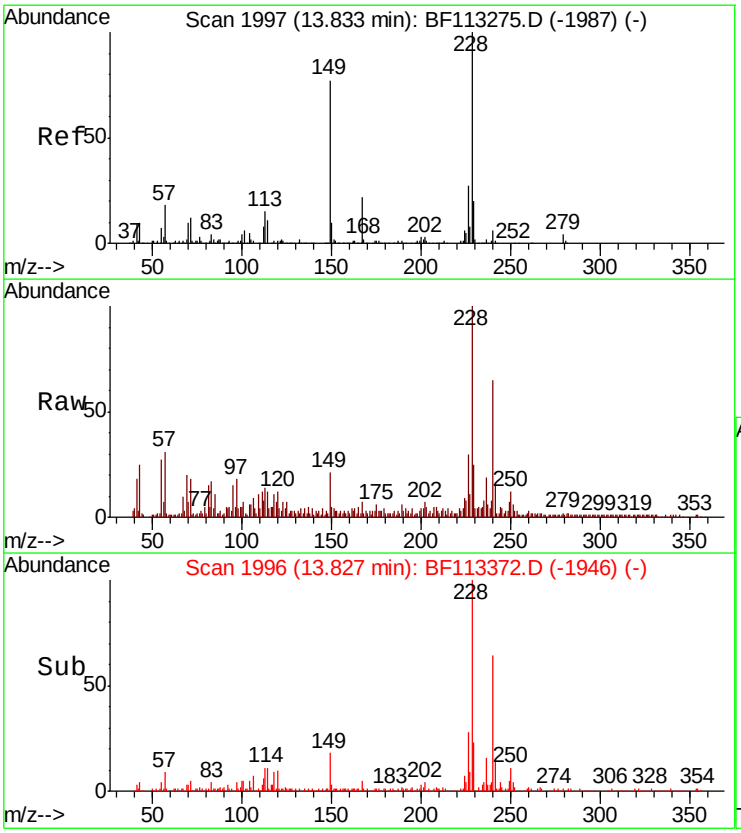
#79
Terphenyl-d14
Concen: 31.004 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Tgt Ion:244 Resp: 571458

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.5	8.3
122	11.6	8.6	13.0

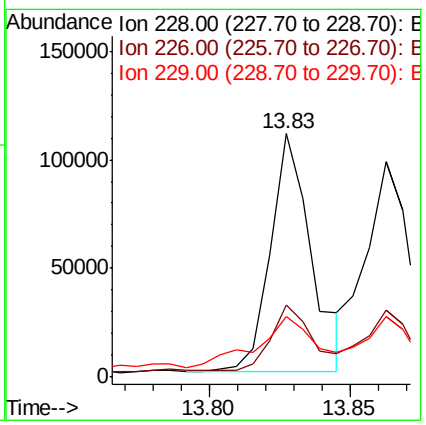


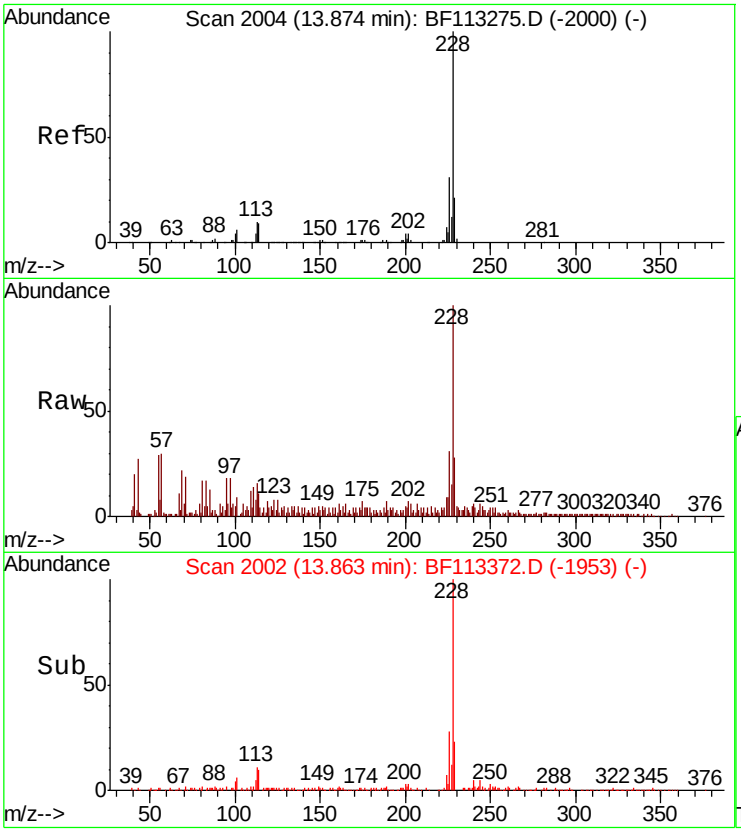


#81
Benzo(a)anthracene
Concen: 4.739 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Tgt Ion:228 Resp: 110197

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.8	32.8
229	25.0	16.2	24.4#



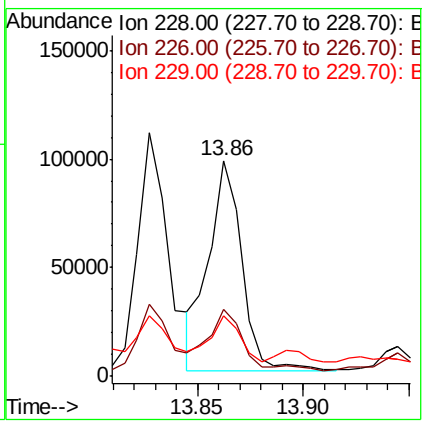


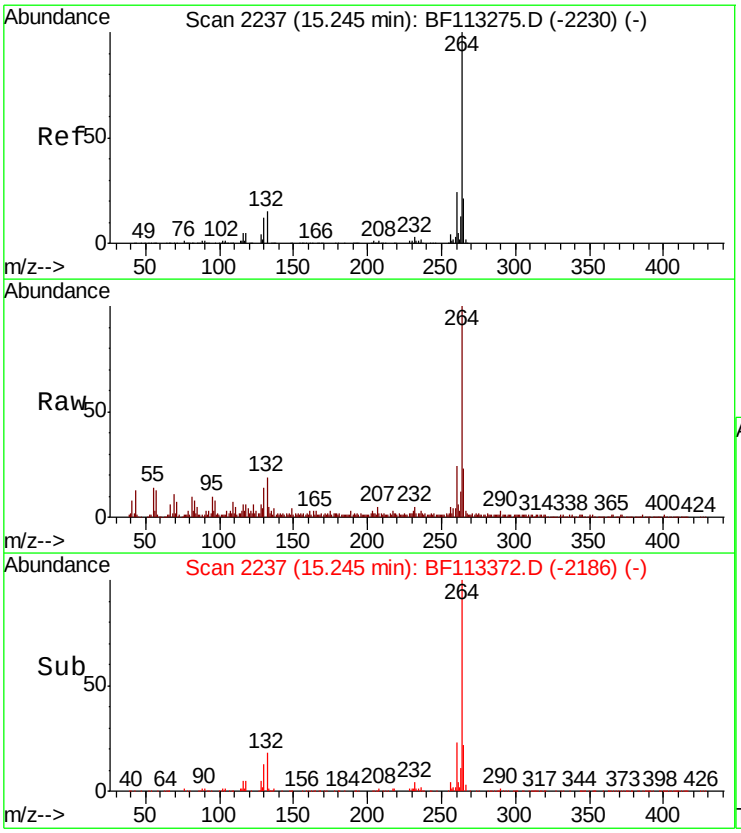
#83
Chrysene
Concen: 4.505 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Tgt Ion:228 Resp: 106412

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.3	36.5
229	28.0	16.3	24.5#

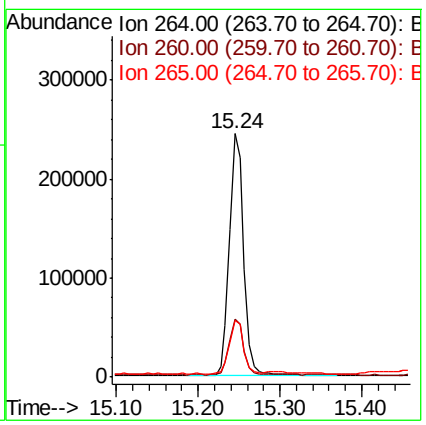


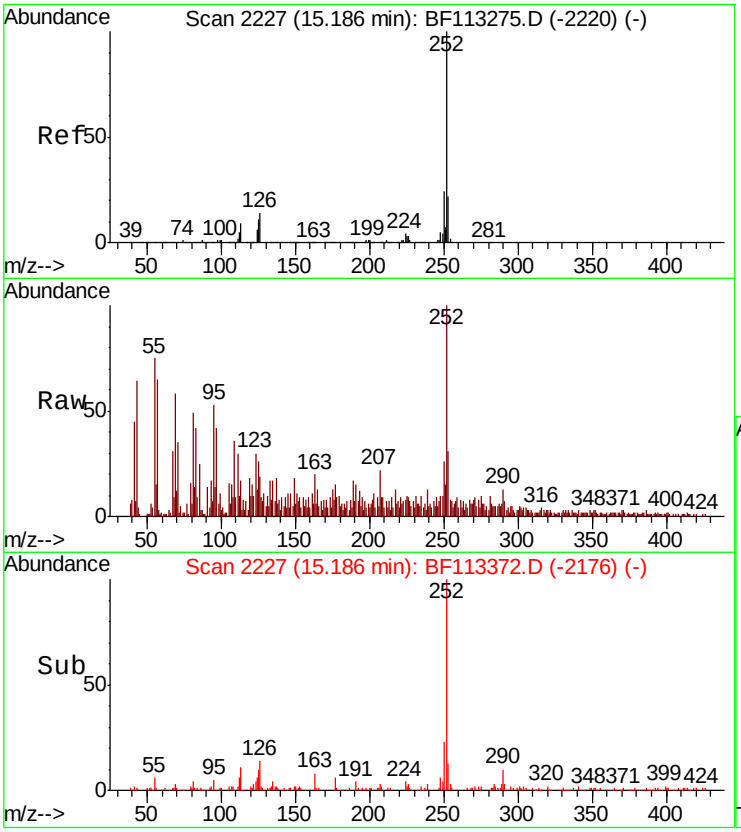


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Tgt Ion:264 Resp: 296551

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	23.4	17.1	25.7



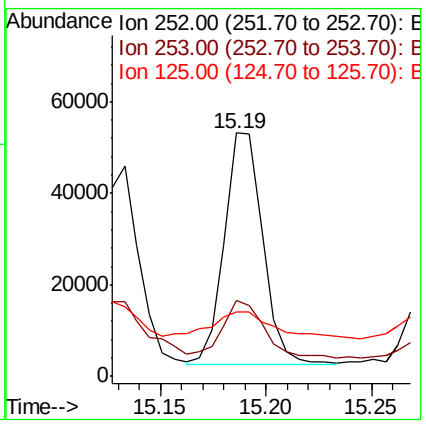


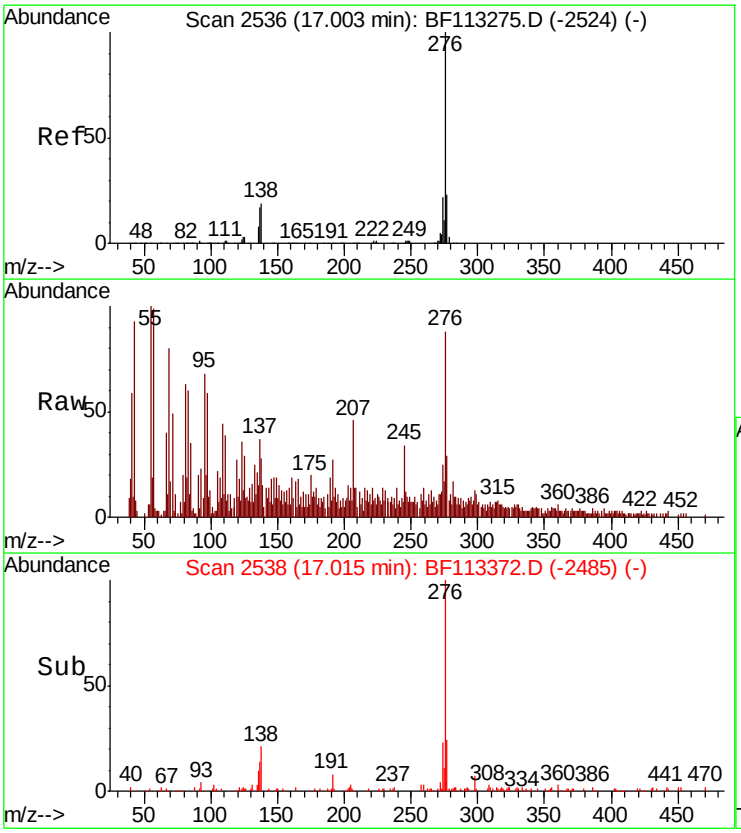
#90
Benzo(a)pyrene
Concen: 3.903 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-A

Tgt Ion:252 Resp: 63736

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.9	26.9#
125	26.4	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 2.745 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF113372.D
Acq: 28 Mar 2019 14:13

Tgt Ion:276 Resp: 39083

Ion	Ratio	Lower	Upper
276	100		
277	32.7	18.8	28.2#
138	31.8	15.6	23.4#