Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113106.D
Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
Sample : K1697-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-031519-A

Quant Time: Mar 19 04:52:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128947	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	488163	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	234939	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	438831	20.00	ng		0.00
76) Chrysene-d12	13.87	240	407649	20.00	ng		0.00
87) Perylene-d12	15.28	264	276932	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	81400	9.82	ng		0.00
7) Phenol-d6	6.37	99	113005	10.85	ng		0.00
23) Nitrobenzene-d5	7.29	82	59356	7.28	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	30740	12.32	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	134224	6.31	ng		0.00
79) Terphenyl-d14	12.82	244	157042	7.47	ng		0.00
Target Compounds							Qvalue
51) 2,6-Dinitrotoluene	9.76	165	32168	8.917	ng	#	19
71) Phenanthrene	11.26	178	61482	2.816	ng		96
75) Fluoranthene	12.45	202	174467	7.458	ng		95
78) Pyrene	12.67	202	171018	4.976	ng		99
81) Benzo(a)anthracene	13.86	228	87048	3.081	ng		97
83) Chrysene	13.89	228	79395	2.869	ng		97
88) Benzo(b)fluoranthene	14.88	252	98546	5.501	ng	#	94
89) Benzo(k)fluoranthene	14.88	252	98546	6.074	ng	#	94
90) Benzo(a)pyrene	15.22	252	52864	3.337	ng	#	90
92) Benzo(g,h,i)perylene	17.06	276	30515	2.248	ng	#	91

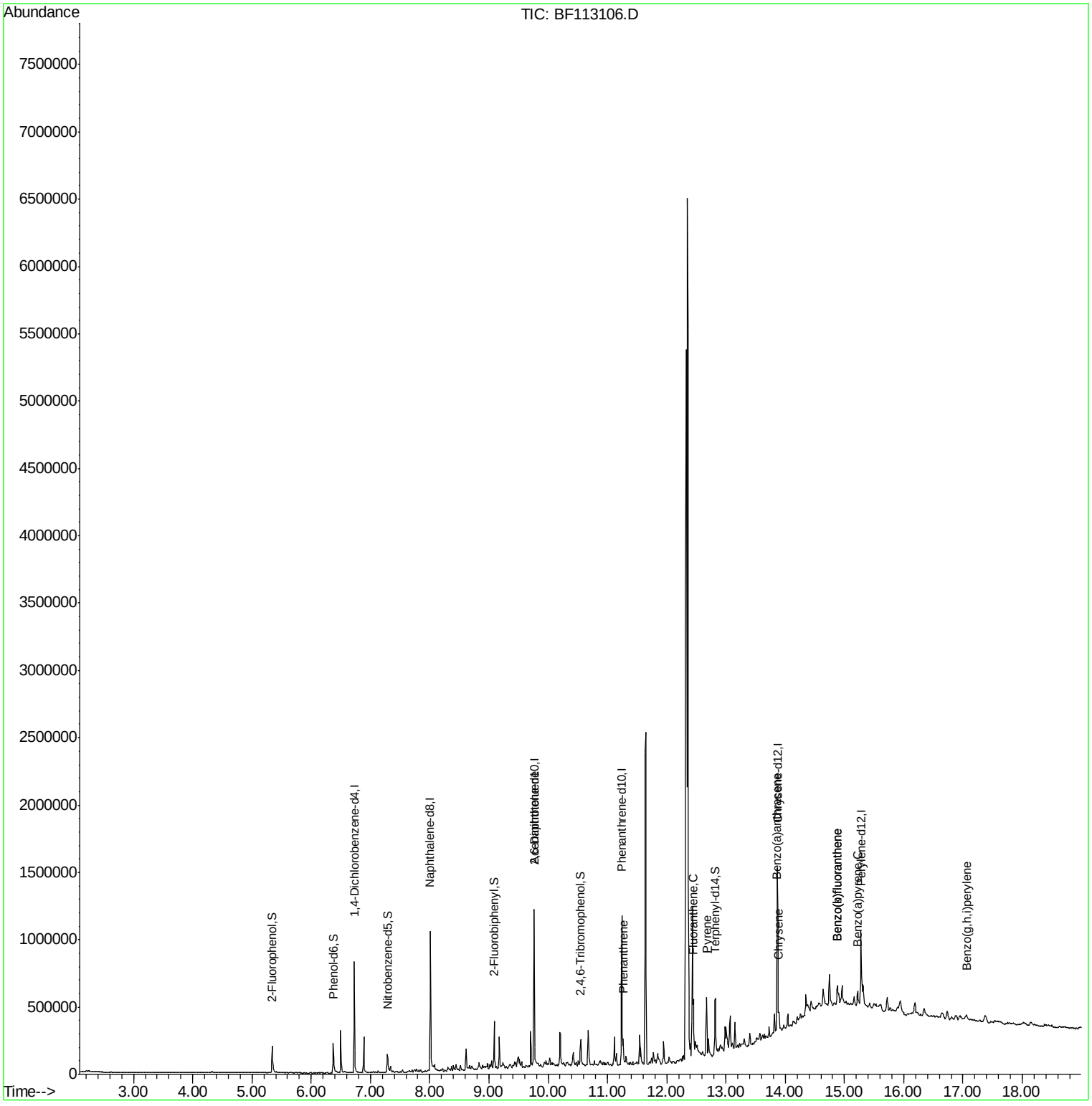
(#) = qualifier out of range (m) = manual integration (+) = signals summed

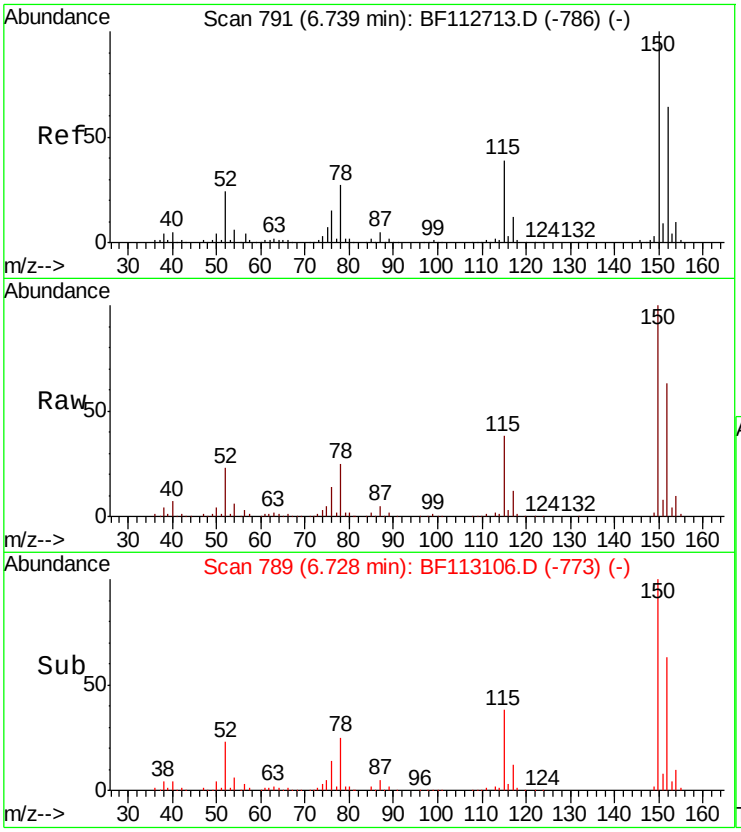
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113106.D
Acq On : 18 Mar 2019 22:28
Operator : JU/SJ
Sample : K1697-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Quant Time: Mar 19 04:52:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



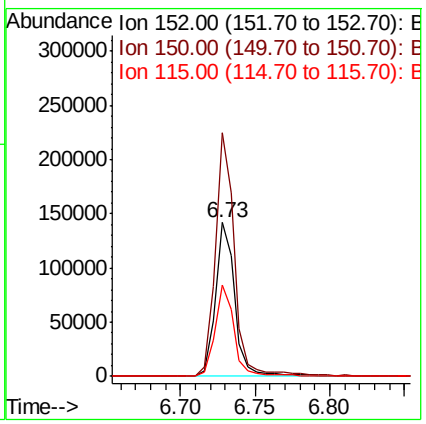


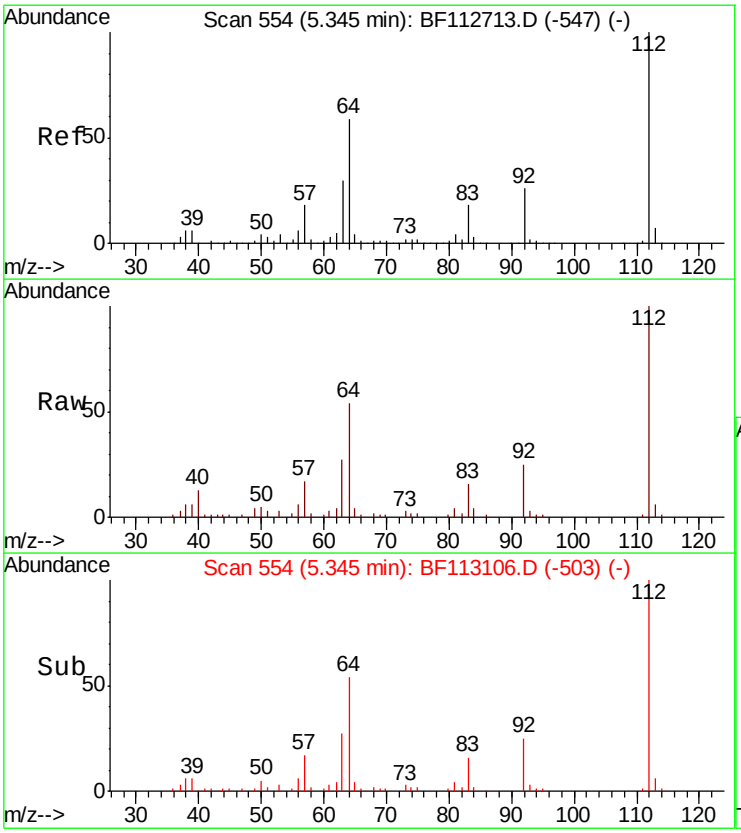
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Tgt Ion:152 Resp: 128947

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.2	186.2
115	59.7	48.2	72.4

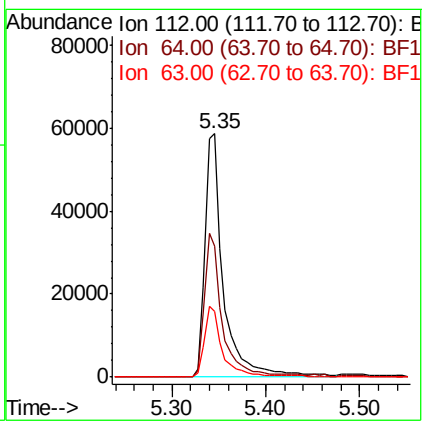


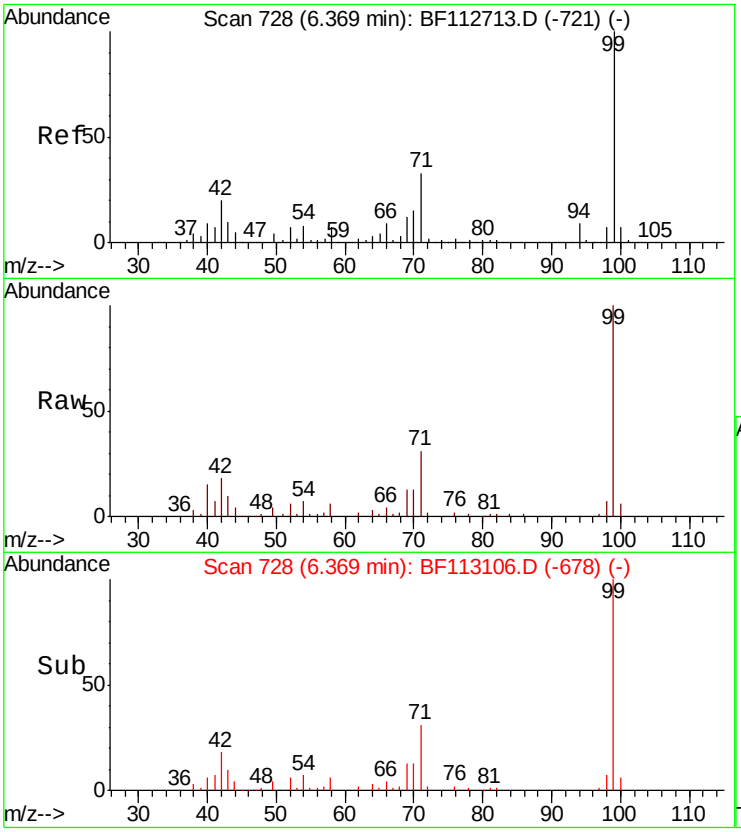


#5
2-Fluorophenol
Concen: 9.820 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Tgt Ion:112 Resp: 81400

Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.6	71.4
63	27.2	24.4	36.6



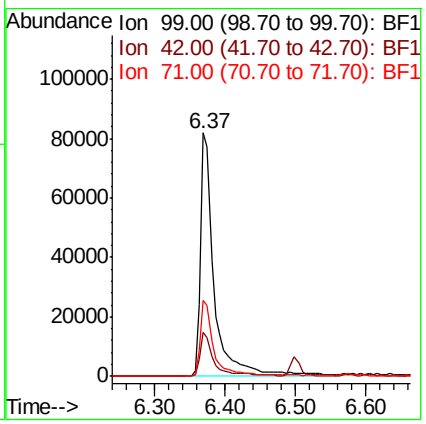


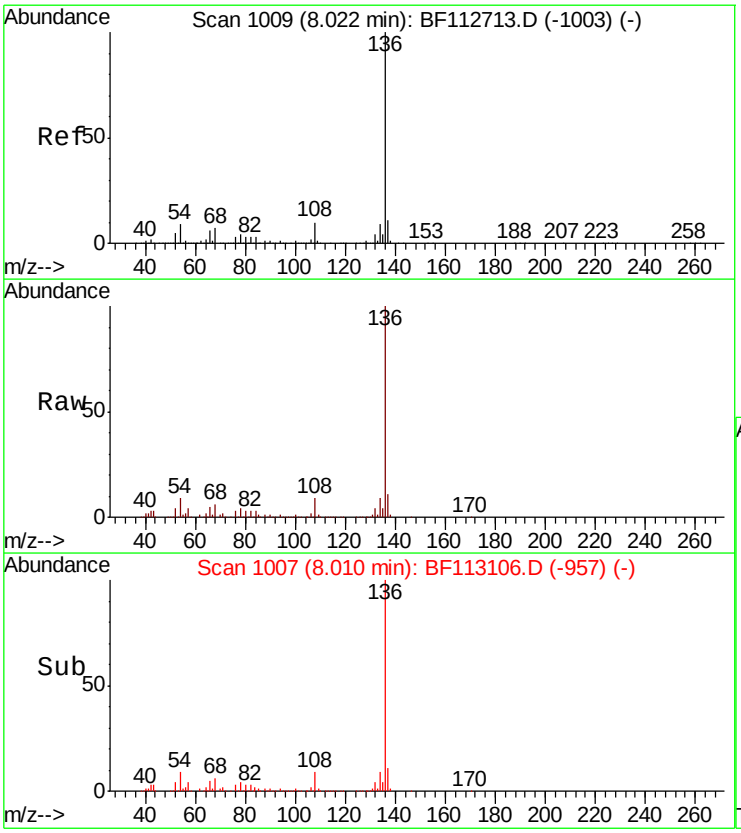
#7
Phenol-d6
Concen: 10.852 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Tgt Ion: 99 Resp: 113005

Ion	Ratio	Lower	Upper
99	100		
42	17.9	16.3	24.5
71	31.3	26.2	39.4

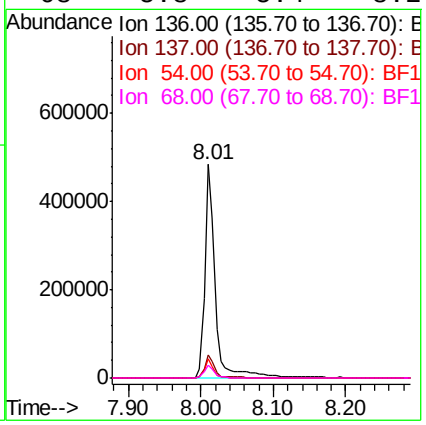


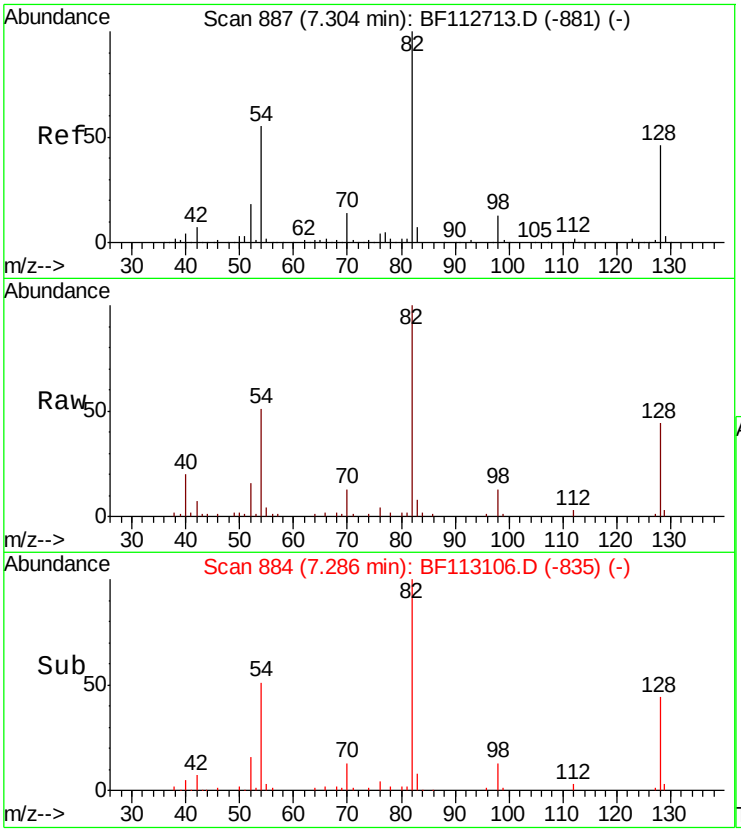


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Tgt Ion:136 Resp: 488163

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.8	7.3	10.9
68	5.8	5.4	8.2



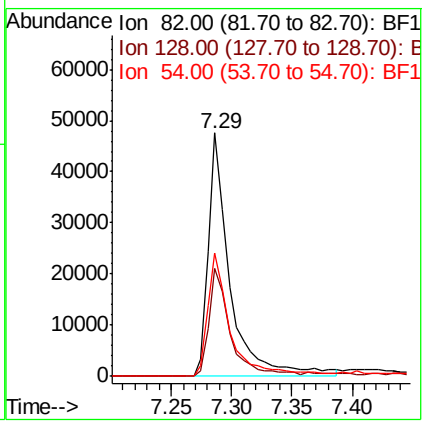


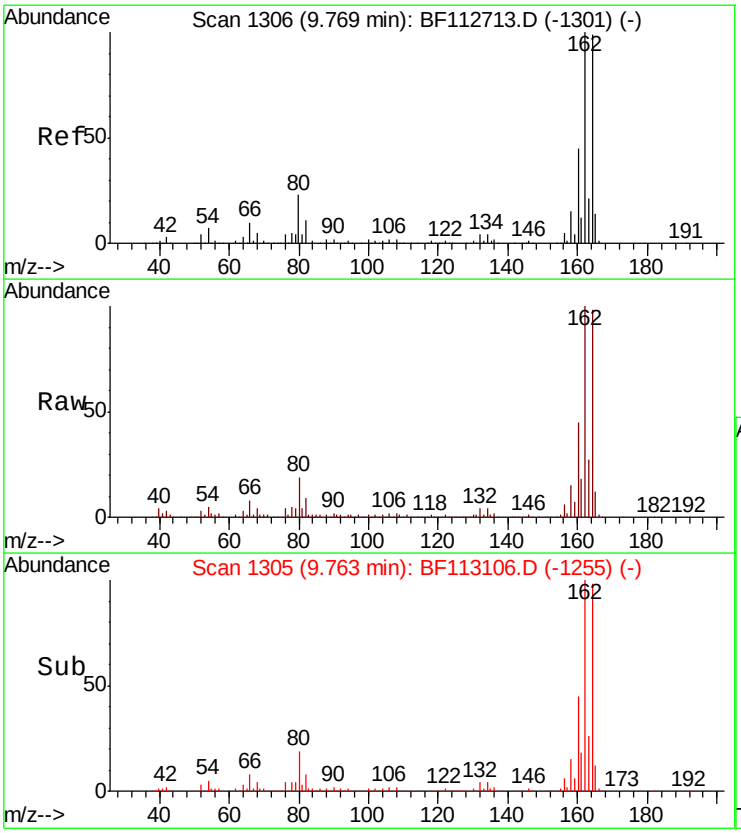
#23
Nitrobenzene-d5
Concen: 7.276 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Tgt Ion: 82 Resp: 59356

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.3	54.5
54	50.6	43.7	65.5

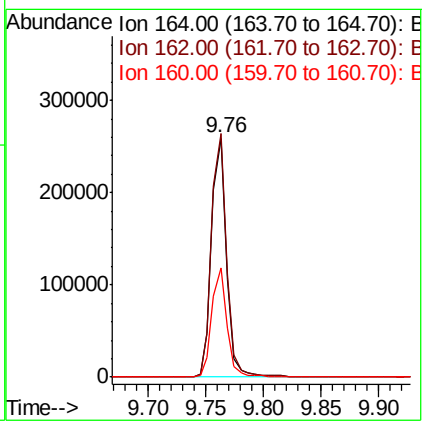


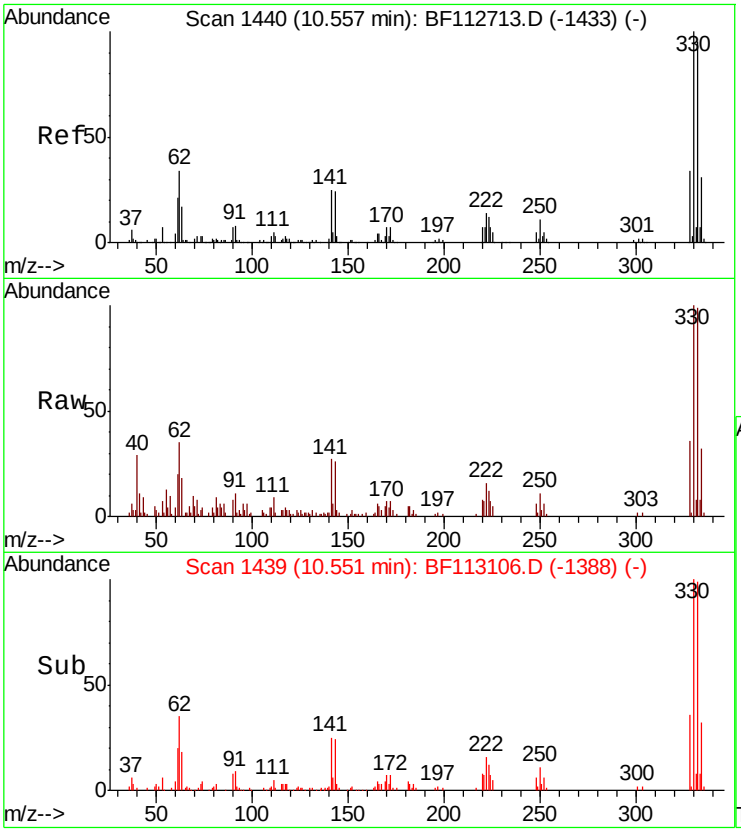


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Tgt Ion:164 Resp: 234939

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	45.6	36.0	54.0



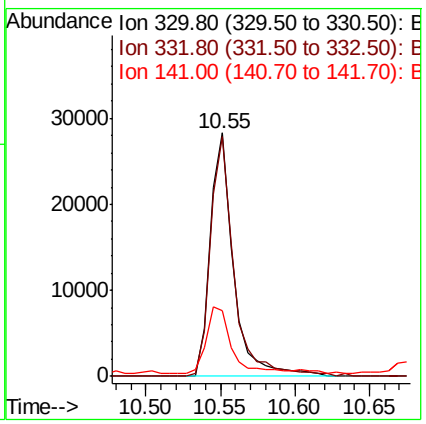


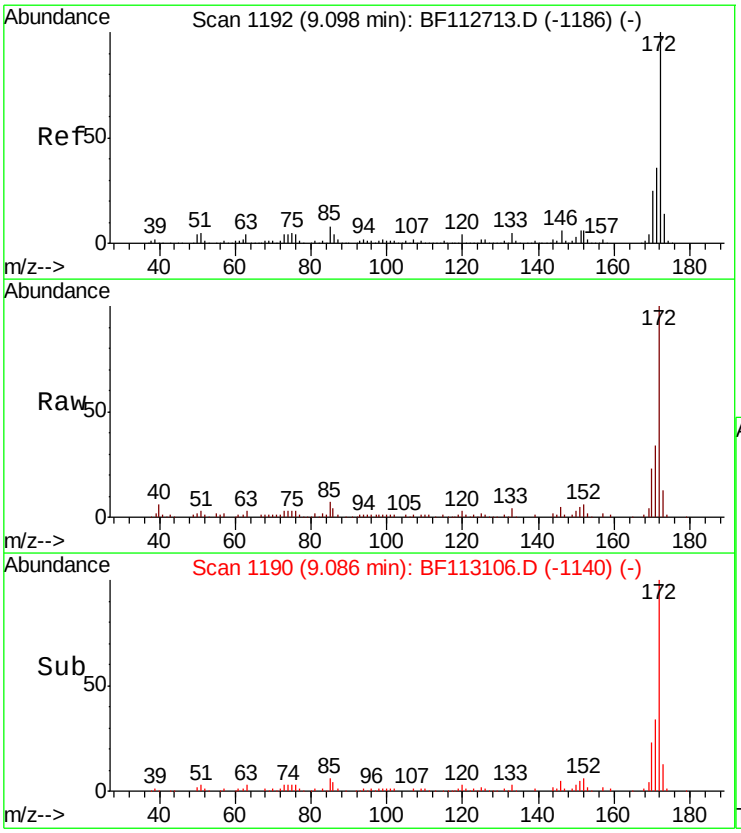
#42
2,4,6-Tribromophenol
Concen: 12.325 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Tgt Ion:330 Resp: 30740

Ion	Ratio	Lower	Upper
330	100		
332	100.2	76.2	114.4
141	29.1	27.0	40.6

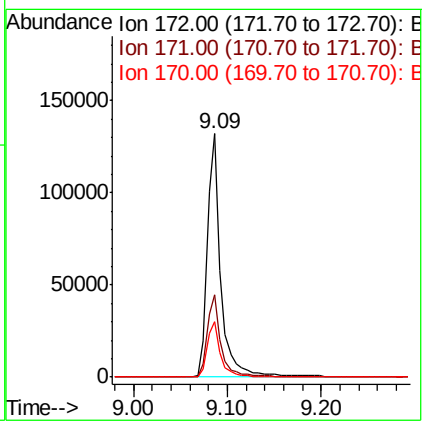


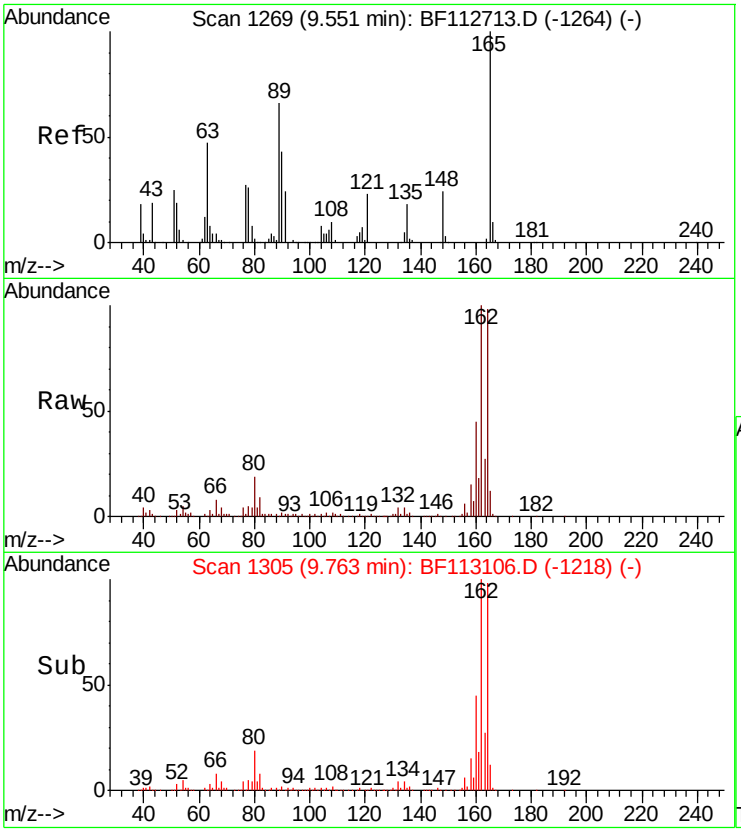


#45
2-Fluorobiphenyl
Concen: 6.312 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Tgt Ion:172 Resp: 134224

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.0	43.4
170	22.9	20.0	30.0



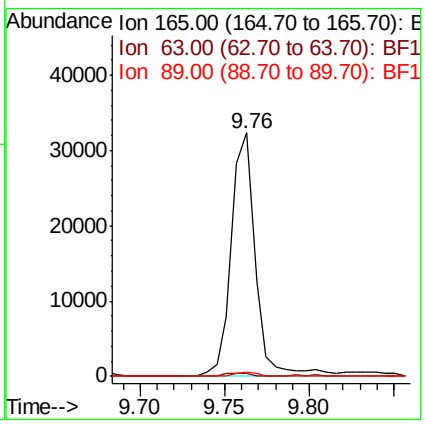


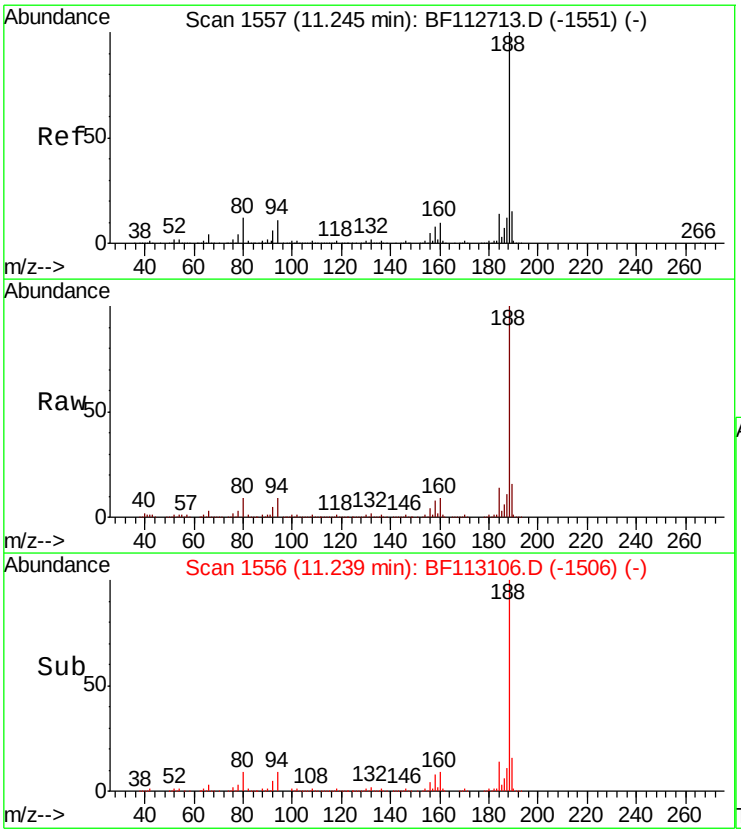
#51
2,6-Dinitrotoluene
Concen: 8.917 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Tgt Ion:165 Resp: 32168

Ion	Ratio	Lower	Upper
165	100		
63	1.3	54.1	81.1#
89	1.9	52.8	79.2#

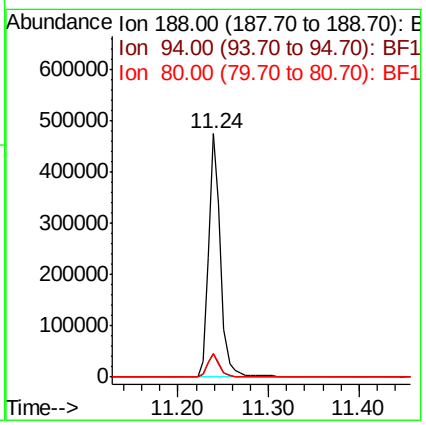


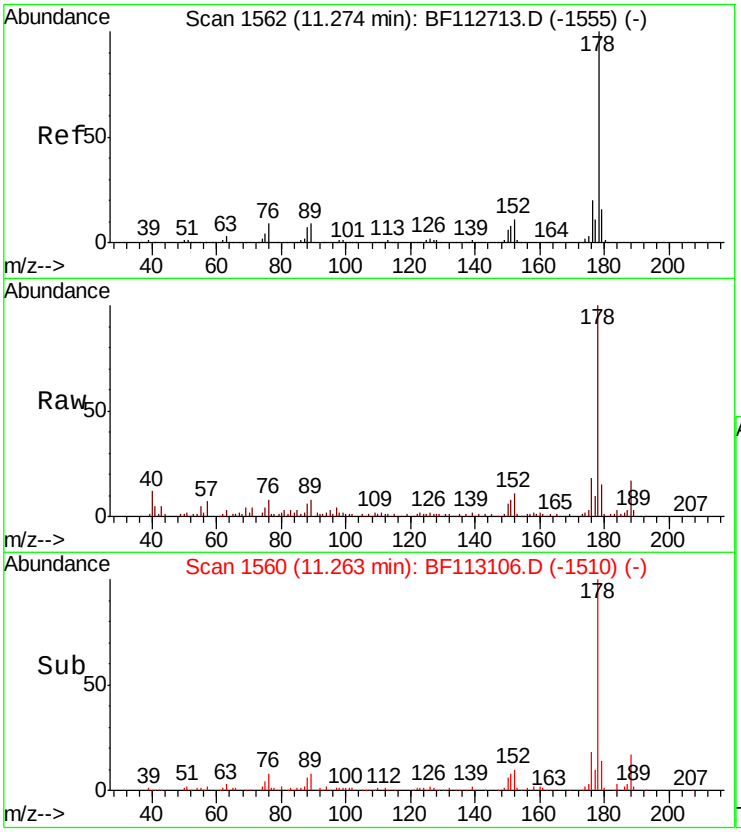


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Tgt Ion:188 Resp: 438831

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.5	9.2	13.8



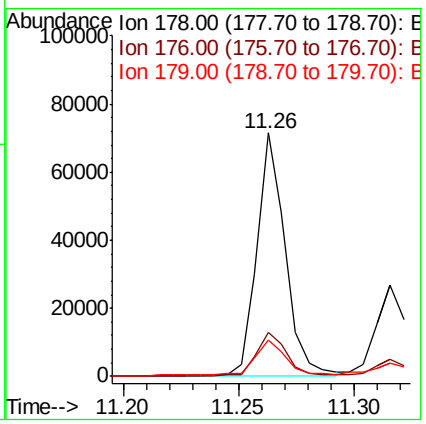


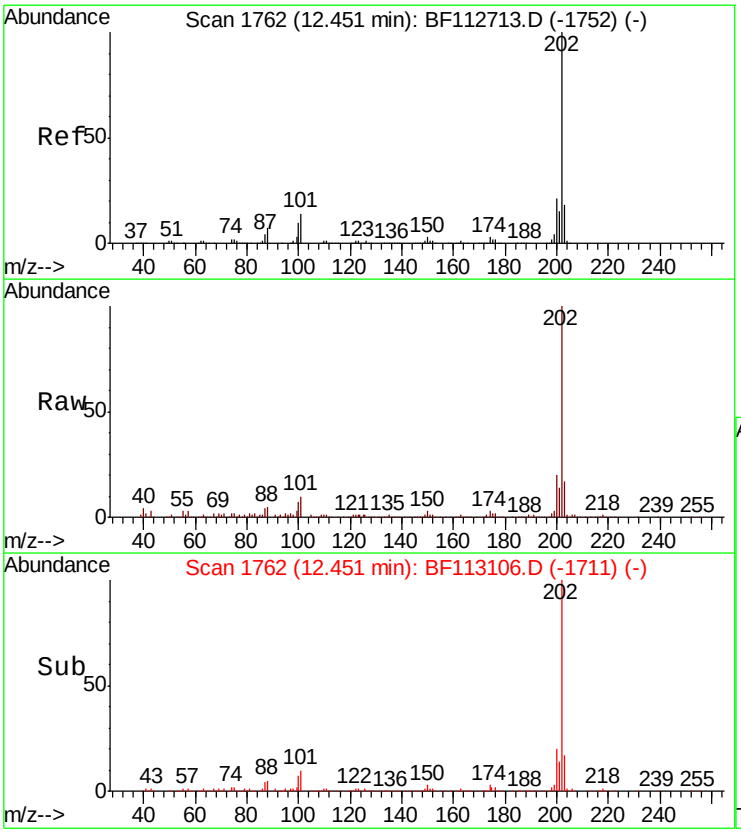
#71
Phenanthrene
Concen: 2.816 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Tgt Ion:178 Resp: 61482

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.3	24.5
179	14.6	12.7	19.1

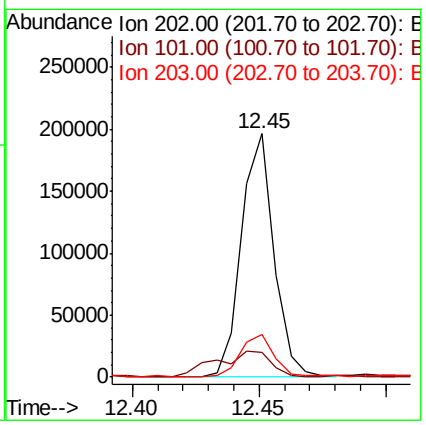


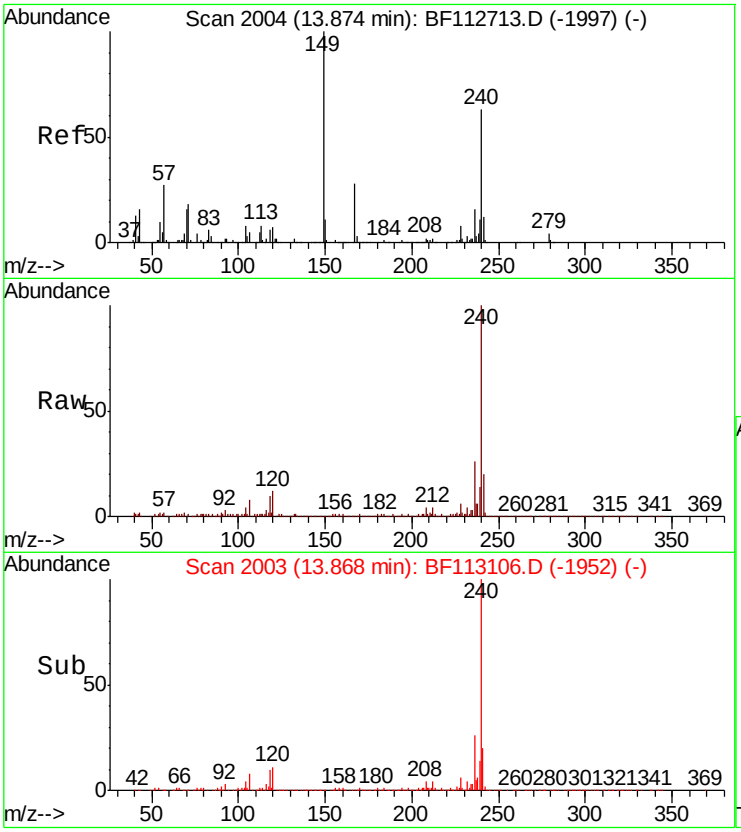


#75
Fluoranthene
Concen: 7.458 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Tgt Ion:202 Resp: 174467

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.8
203	17.4	0.0	38.4



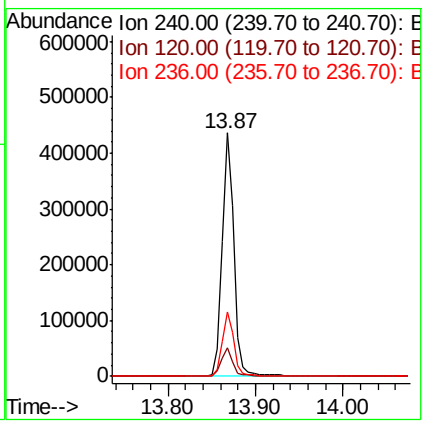


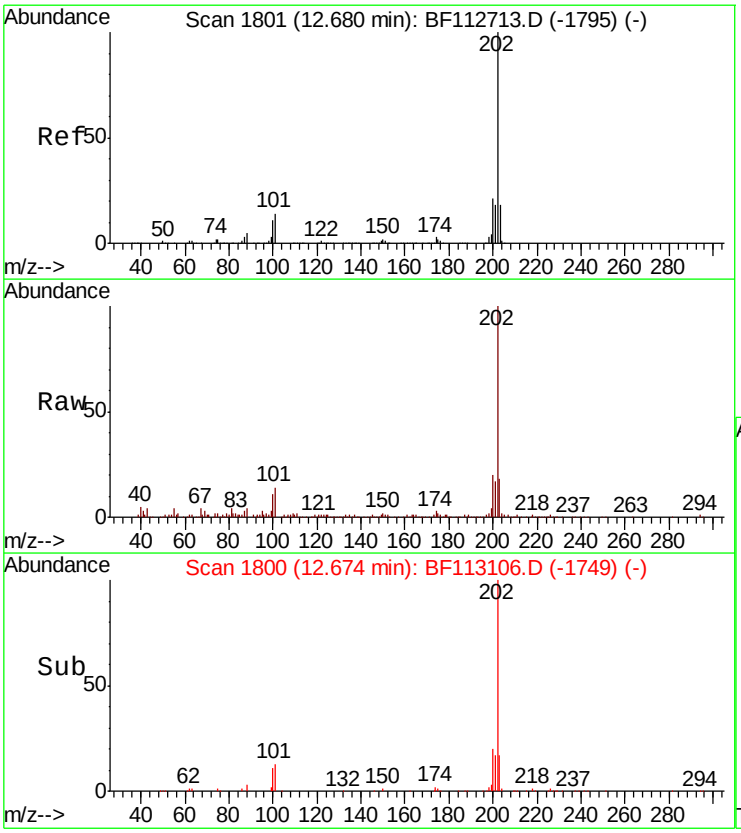
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Tgt Ion:240 Resp: 407649

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	26.4	20.7	31.1

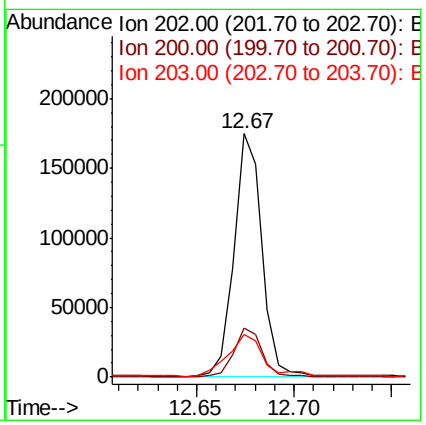


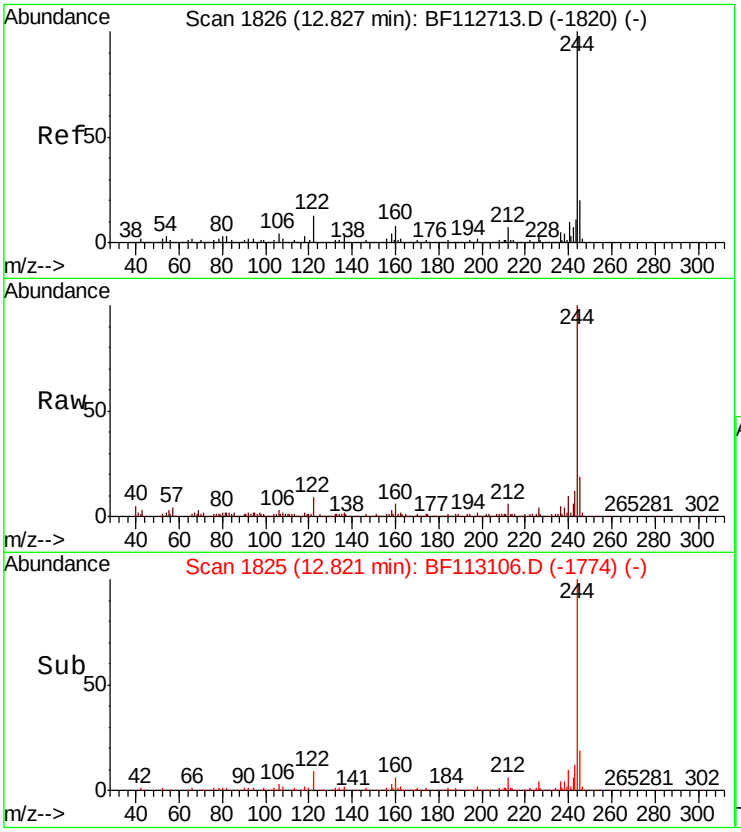


#78
Pyrene
Concen: 4.976 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Tgt Ion:202 Resp: 171018

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.4
203	17.8	14.4	21.6



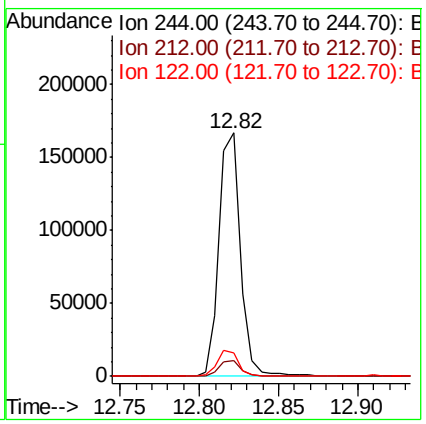


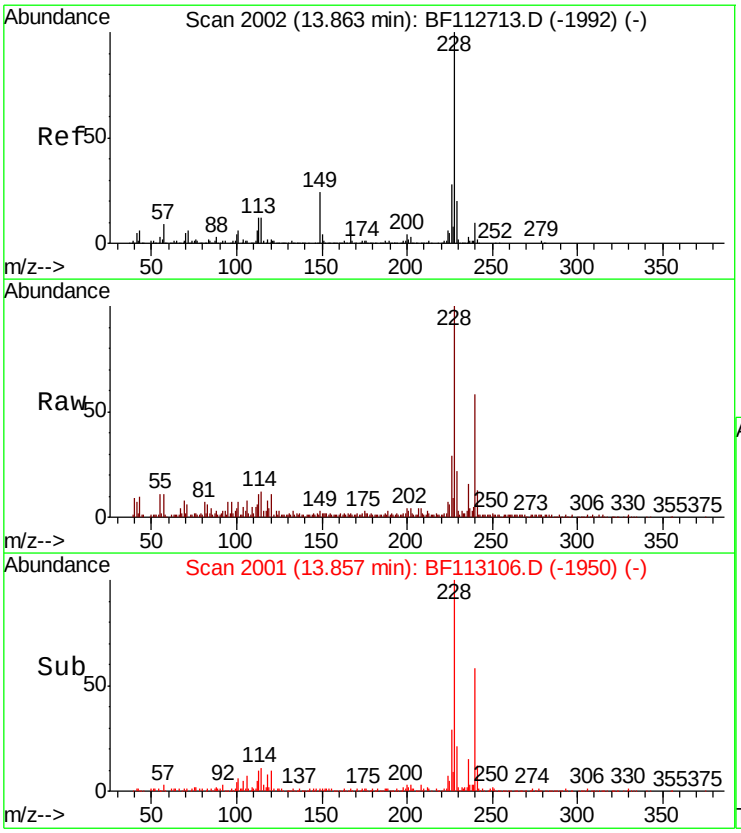
#79
Terphenyl-d14
Concen: 7.468 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Tgt Ion:244 Resp: 157042

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	9.5	10.5	15.7#

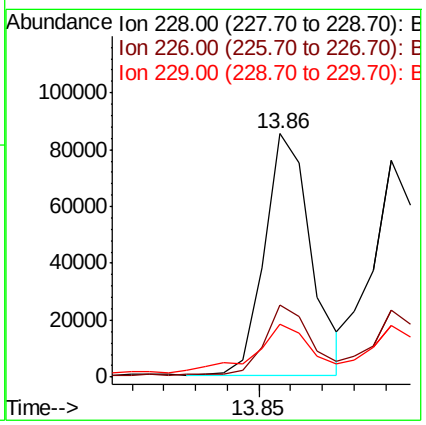


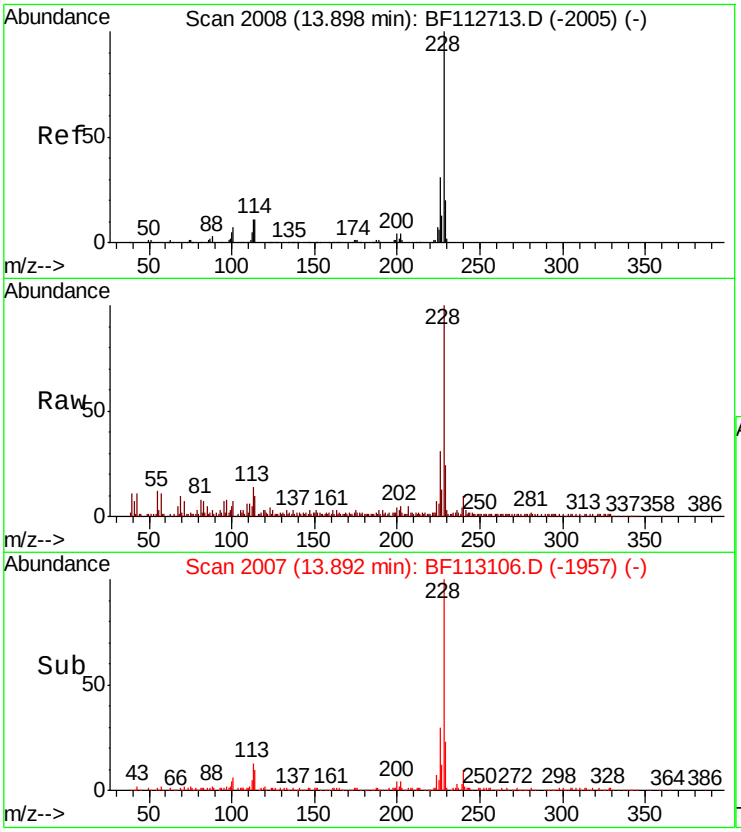


#81
Benzo(a)anthracene
Concen: 3.081 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Tgt Ion:228 Resp: 87048

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.2	33.4
229	21.8	16.0	24.0



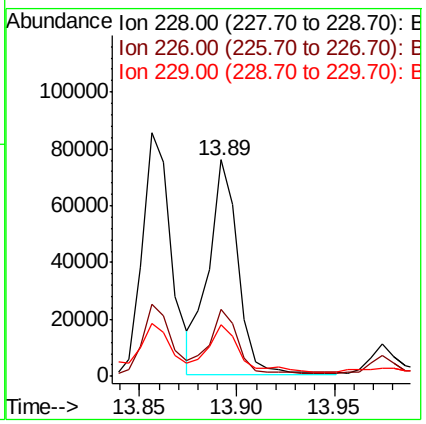


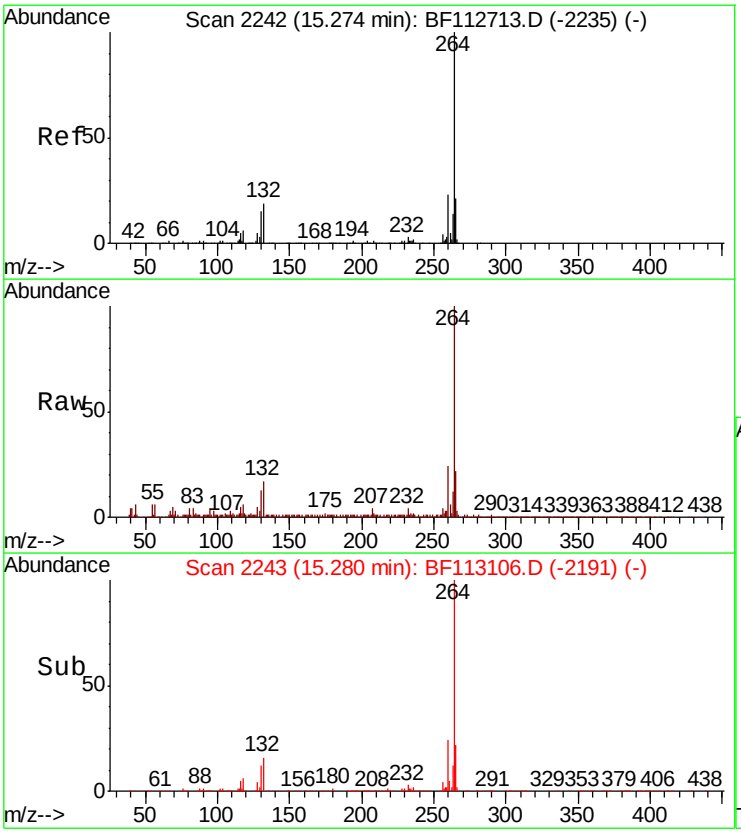
#83
Chrysene
Concen: 2.869 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Tgt Ion:228 Resp: 79395

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	23.9	16.3	24.5

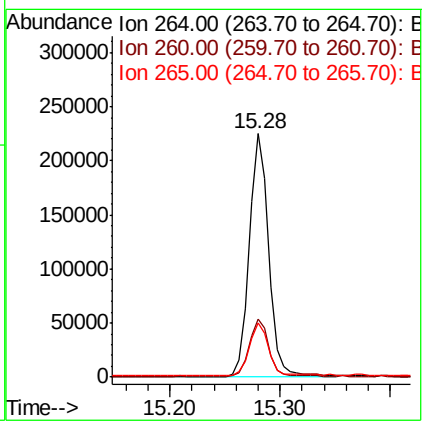


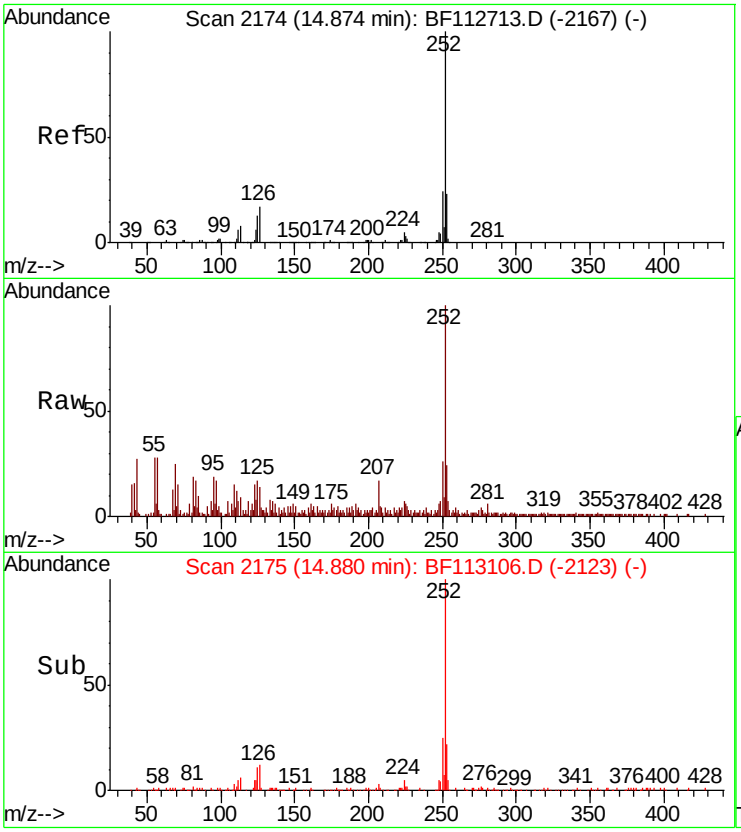


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Tgt Ion:264 Resp: 276932

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.1	17.2	25.8



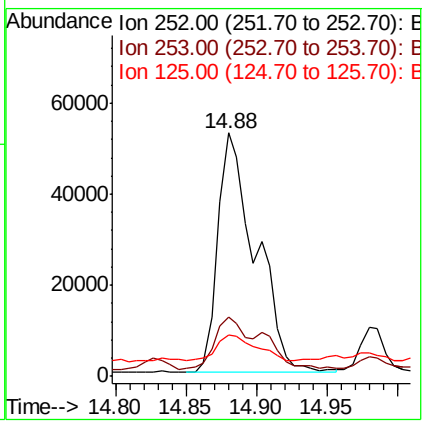


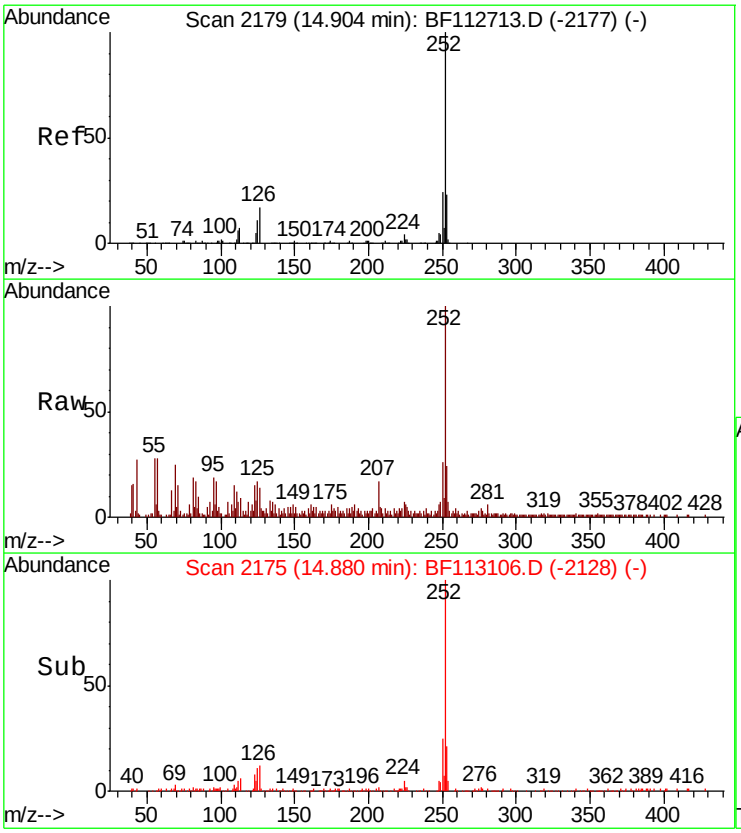
#88
Benzo(b)fluoranthene
Concen: 5.501 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Tgt Ion:252 Resp: 98546

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	17.1	10.2	15.2#

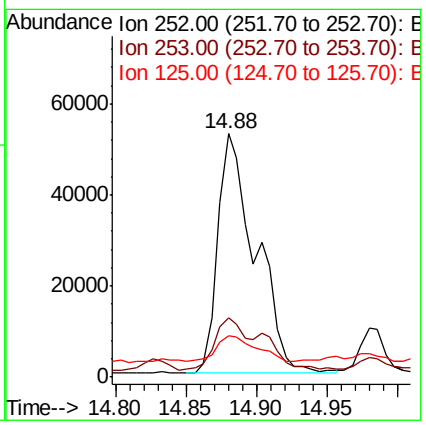


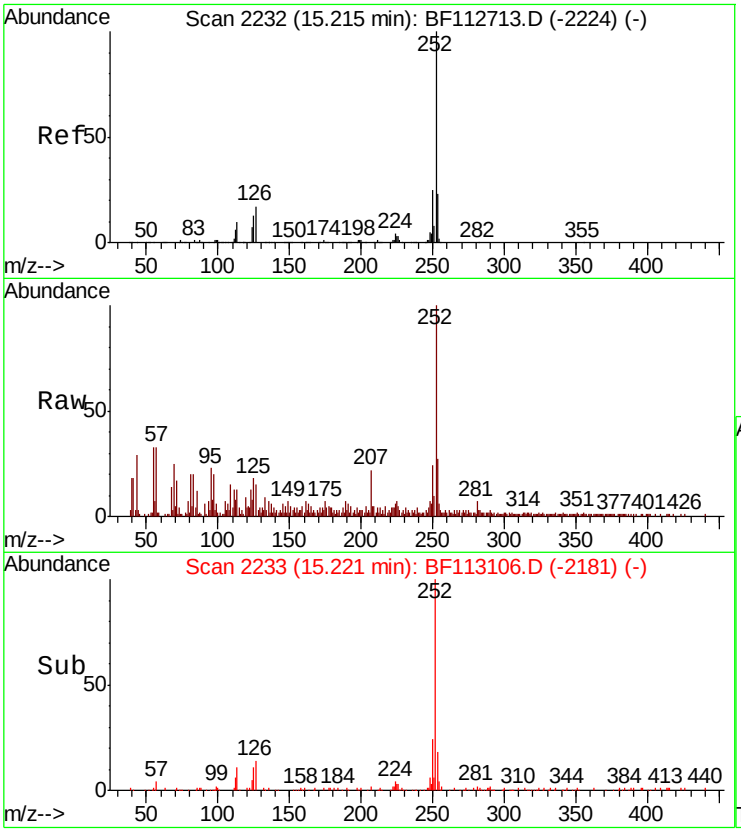


#89
Benzo(k)fluoranthene
Concen: 6.074 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Tgt Ion:252 Resp: 98546

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	17.1	9.8	14.6#



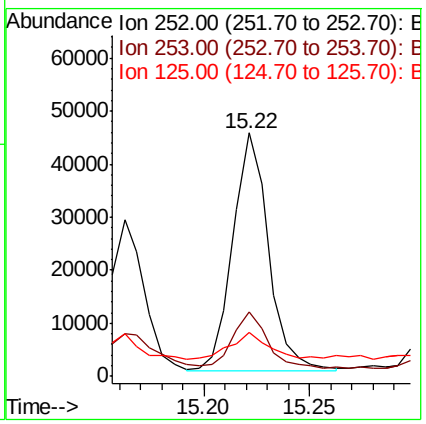


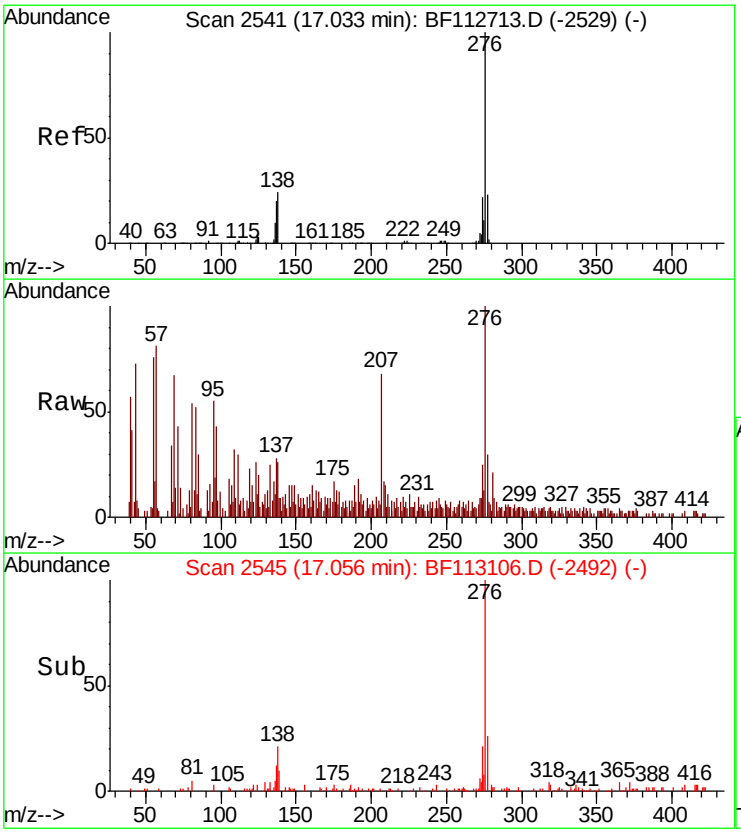
#90
Benzo(a)pyrene
Concen: 3.337 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SU-01-031519-A

Tgt Ion:252 Resp: 52864

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.0	27.0
125	18.1	10.7	16.1#





#92
Benzo(g,h,i)perylene
Concen: 2.248 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF113106.D
Acq: 18 Mar 2019 22:28

Tgt Ion:276 Resp: 30515

Ion	Ratio	Lower	Upper
276	100		
277	30.2	18.6	27.8#
138	25.7	19.4	29.0