Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071819\

Quantitation Report (Not Reviewed)

Data File : BF115652.D
Acq On : 18 Jul 2019 17:24
Operator : HP/JU
Sample : K3875-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-S3

Quant Time: Jul 19 07:39:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	163013	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	633782	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	287280	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	460548	20.00	ng		-0.01
76) Chrysene-d12	14.04	240	338919	20.00	ng		-0.01
87) Perylene-d12	15.51	264	386238	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1034719	103.83	ng		0.00
7) Phenol-d6	6.52	99	1345370	106.39	ng		0.00
23) Nitrobenzene-d5	7.44	82	836597	76.75	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	313681	93.55	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	1097464	66.86	ng		-0.01
79) Terphenyl-d14	12.98	244	866297	47.16	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	113910	13.812	ng	#	79
25) Isophorone	7.44	82	827990	37.963	ng	#	64
31) Naphthalene	8.19	128	283307	9.230	ng		96
33) 4-Chloroaniline	8.19	127	37551	2.762	ng	#	36
37) 2-Methylnaphthalene	8.87	142	89735	4.410	ng		96
38) 1-Methylnaphthalene	8.97	142	74421	3.851	ng		98
50) Dimethylphthalate	9.63	163	233815	10.818	ng	#	97
52) Acenaphthene	9.95	154	143729	8.034	ng		98
55) Dibenzofuran	10.12	168	177325	6.980	ng		96
58) Fluorene	10.46	166	208584	11.484	ng		100
67) 4-Bromophenyl-phenylether	10.70	248	19642	3.732	ng	#	1
71) Phenanthrene	11.43	178	1624574	68.817	ng		98
72) Anthracene	11.47	178	410666	16.832	ng		99
73) Carbazole	11.63	167	208591	9.750	ng		98
75) Fluoranthene	12.62	202	1758562	70.493	ng		98
78) Pyrene	12.85	202	1591299	55.418	ng		98
81) Benzo(a)anthracene	14.03	228	917213	41.079	ng		100
83) Chrysene	14.06	228	836050	37.300	ng		96
84) Bis(2-ethylhexyl)phthalate	14.01	149	39583	2.611	ng		97
86) Indeno(1,2,3-cd)pyrene	16.98	276	364736	19.154	ng		95
88) Benzo(b)fluoranthene	15.08	252	1308729	52.622	ng		98
89) Benzo(k)fluoranthene	15.08	252	1308729	59.022	ng		99
90) Benzo(a)pyrene	15.44	252	661567	30.949	ng		96
91) Dibenzo(a,h)anthracene	16.99	278	104918	5.591	ng	#	92
92) Benzo(g,h,i)perylene	17.43	276	309026	16.512	ng		98

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

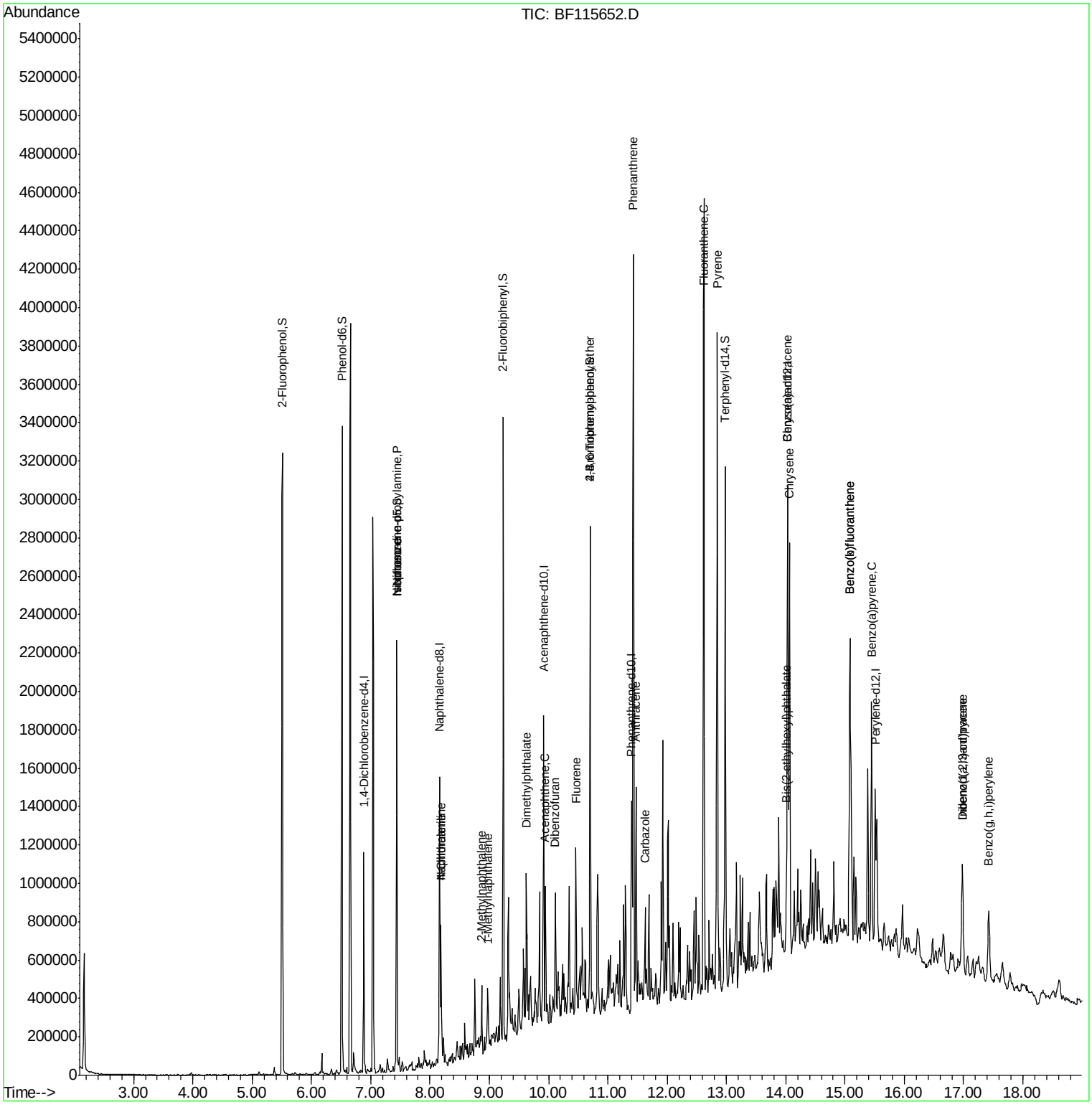
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071819\

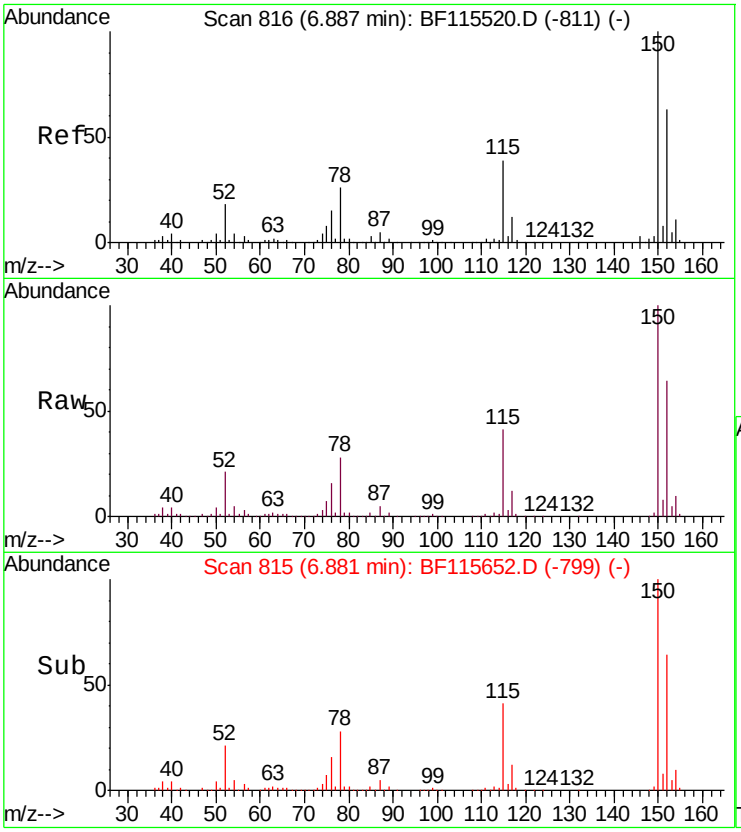
Quantitation Report (Not Reviewed)

Data File : BF115652.D
Acq On : 18 Jul 2019 17:24
Operator : HP/JU
Sample : K3875-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Quant Time: Jul 19 07:39:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



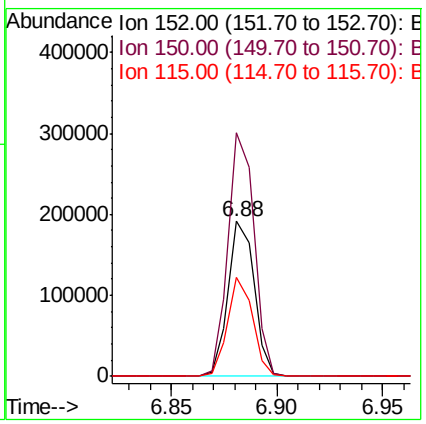


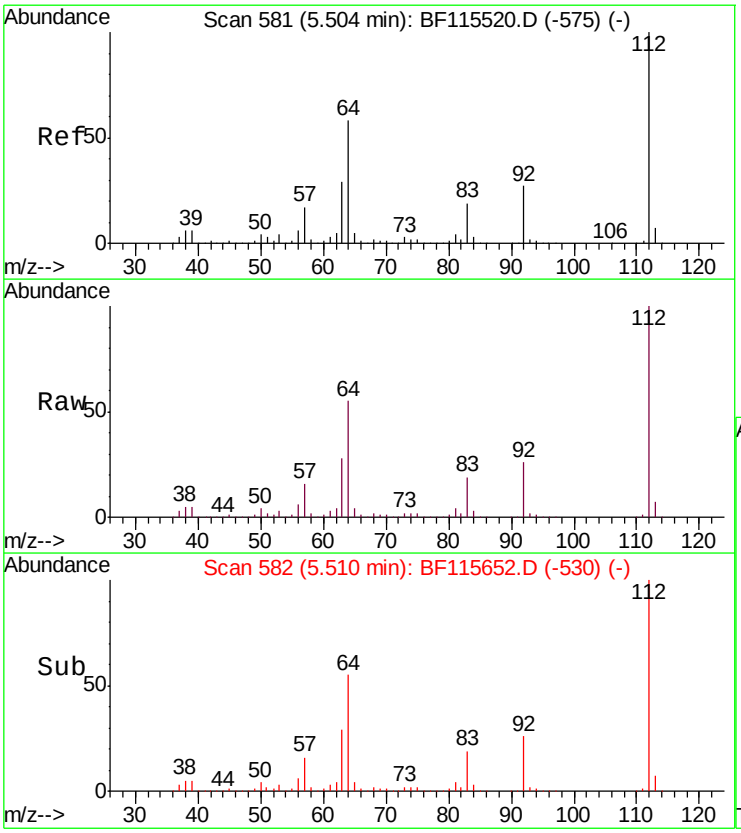
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:152 Resp: 163013

Ion	Ratio	Lower	Upper
152	100		
150	157.3	129.7	194.5
115	64.0	48.2	72.4

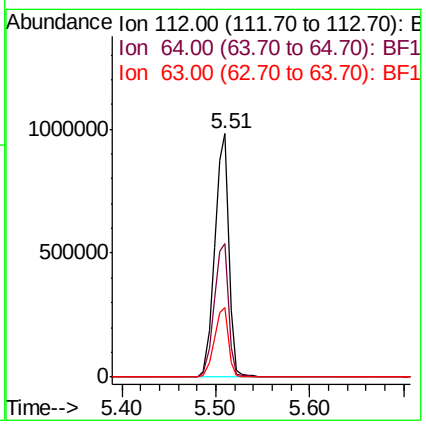


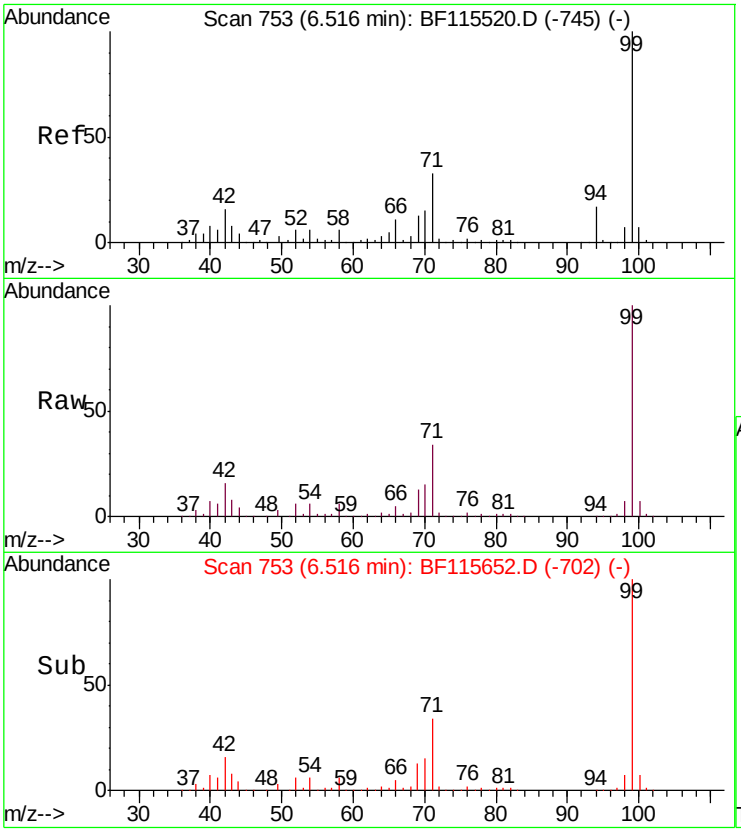


#5
2-Fluorophenol
Concen: 103.826 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:112 Resp: 1034719

Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.8	70.2
63	28.5	24.1	36.1



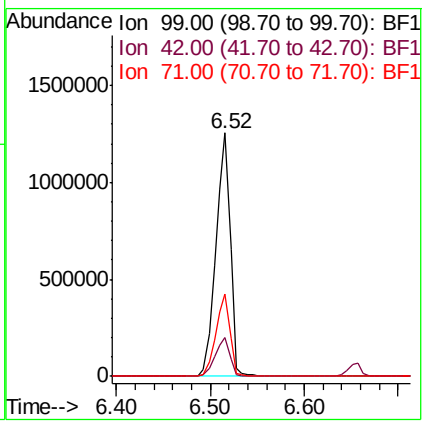


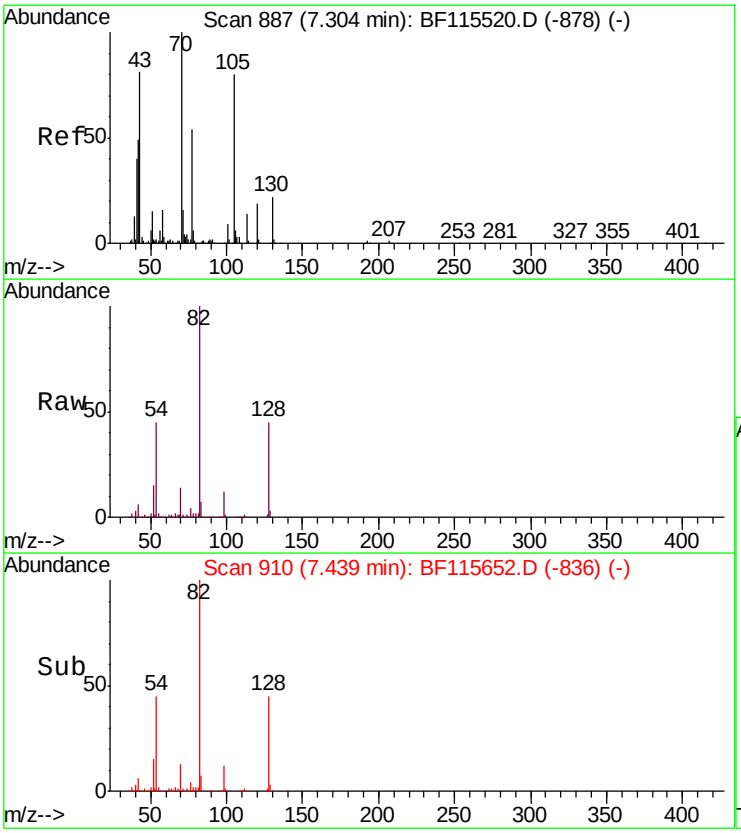
#7
Phenol-d6
Concen: 106.391 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion: 99 Resp: 1345370

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	33.8	28.5	42.7

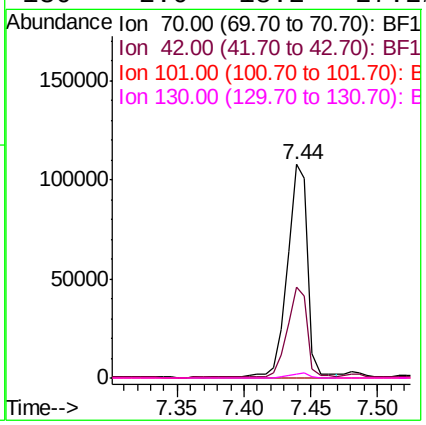


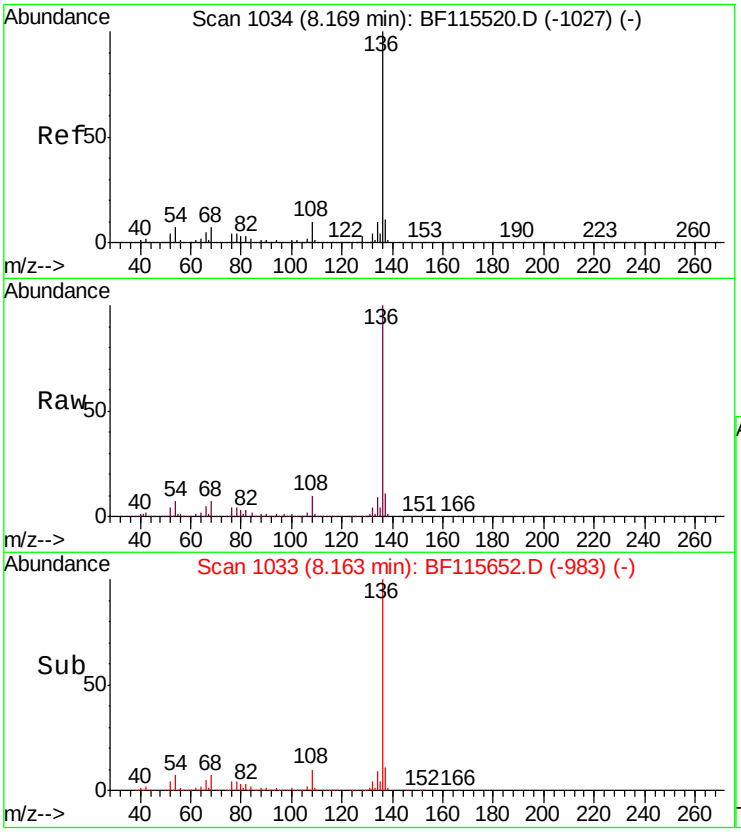


#19
n-Nitroso-di-n-propylamine
Concen: 13.812 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion: 70 Resp: 113910

Ion	Ratio	Lower	Upper
70	100		
42	42.3	39.6	59.4
101	0.0	8.1	12.1#
130	2.0	18.2	27.2#



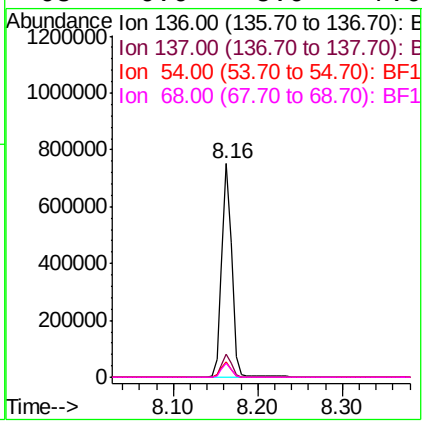


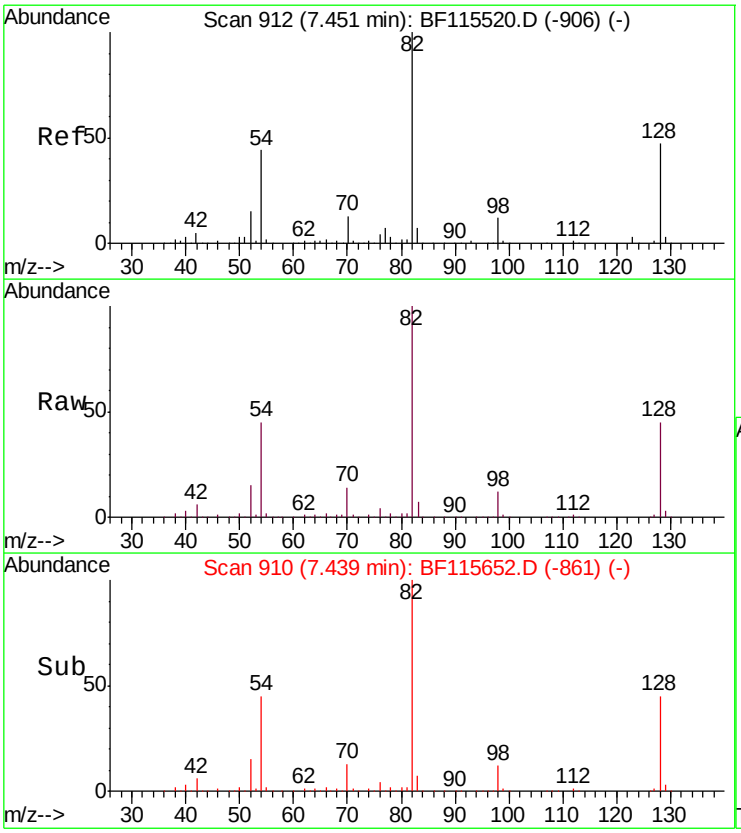
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:136 Resp: 633782

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.1	5.6	8.4
68	6.6	5.0	7.6

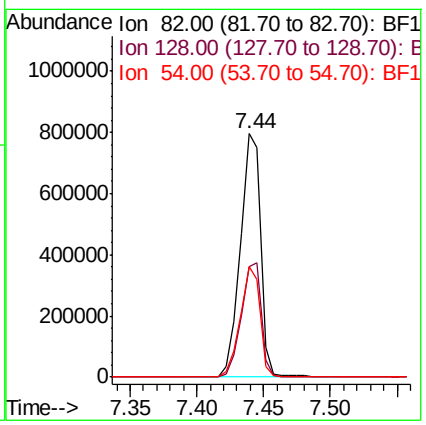


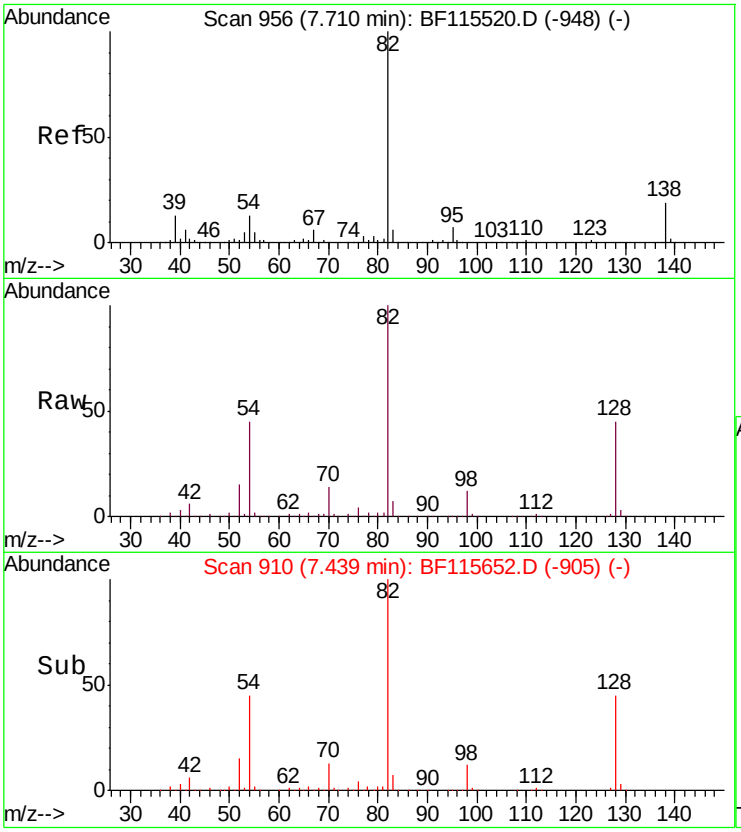


#23
Nitrobenzene-d5
Concen: 76.754 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion: 82 Resp: 836597

Ion	Ratio	Lower	Upper
82	100		
128	45.4	38.6	57.8
54	45.3	35.6	53.4



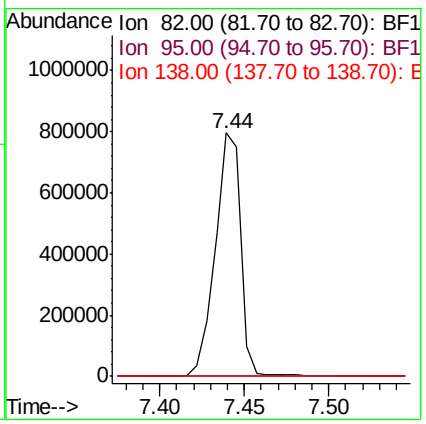


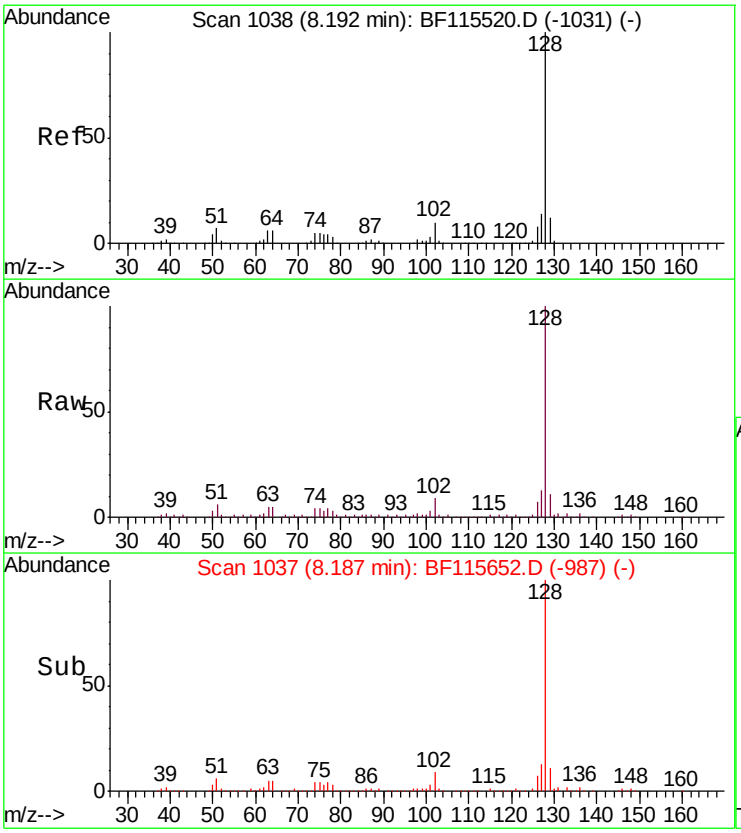
#25
Isophorone
Concen: 37.963 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion: 82 Resp: 827990

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.5	8.3#
138	0.0	14.9	22.3#

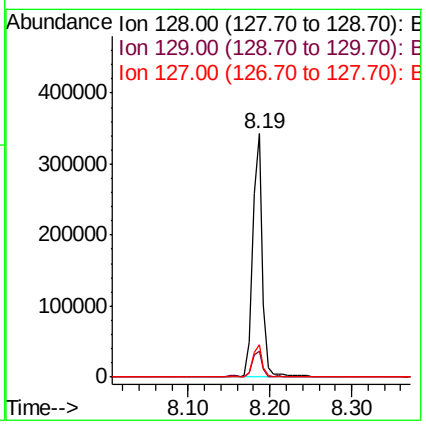


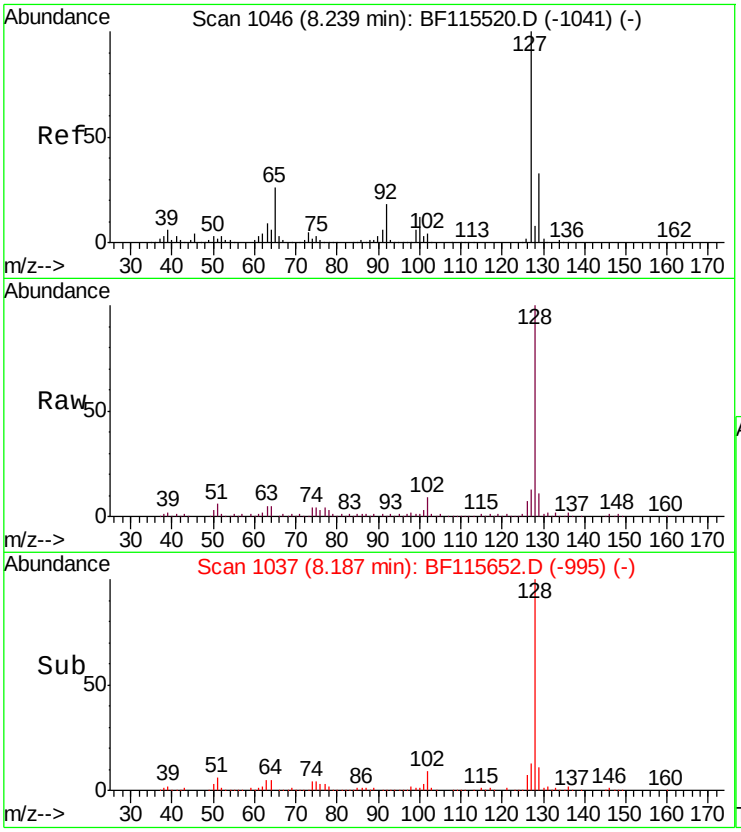


#31
Naphthalene
Concen: 9.230 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:128 Resp: 283307

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.9	14.9
127	13.2	12.1	18.1



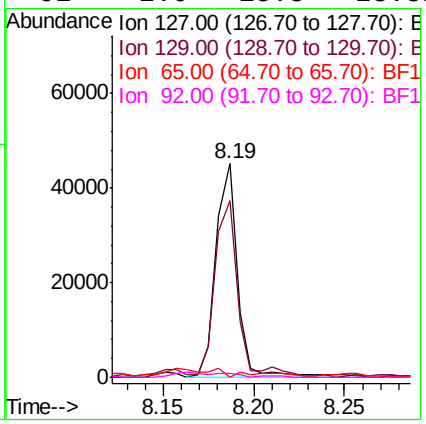


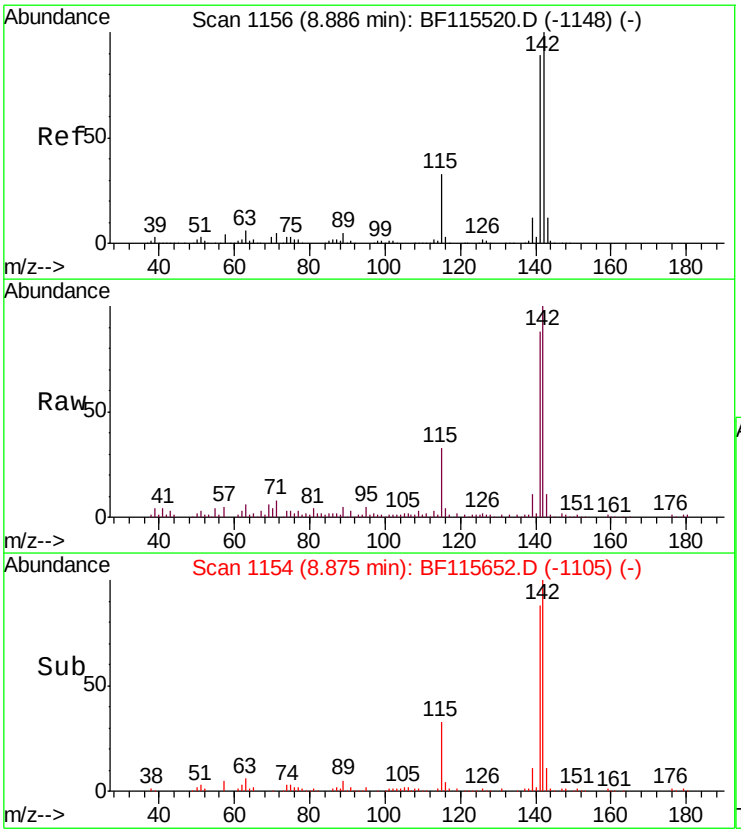
#33
4-Chloroaniline
Concen: 2.762 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:127 Resp: 37551

Ion	Ratio	Lower	Upper
127	100		
129	82.7	26.6	39.8#
65	0.0	23.7	35.5#
92	2.0	15.8	23.8#

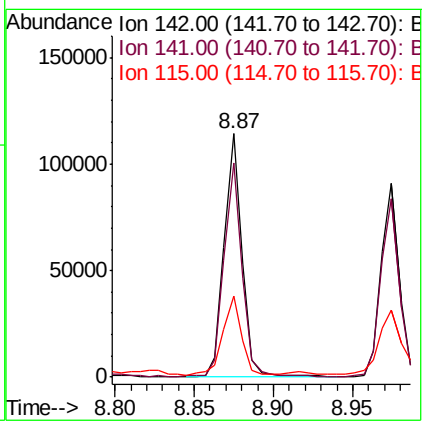


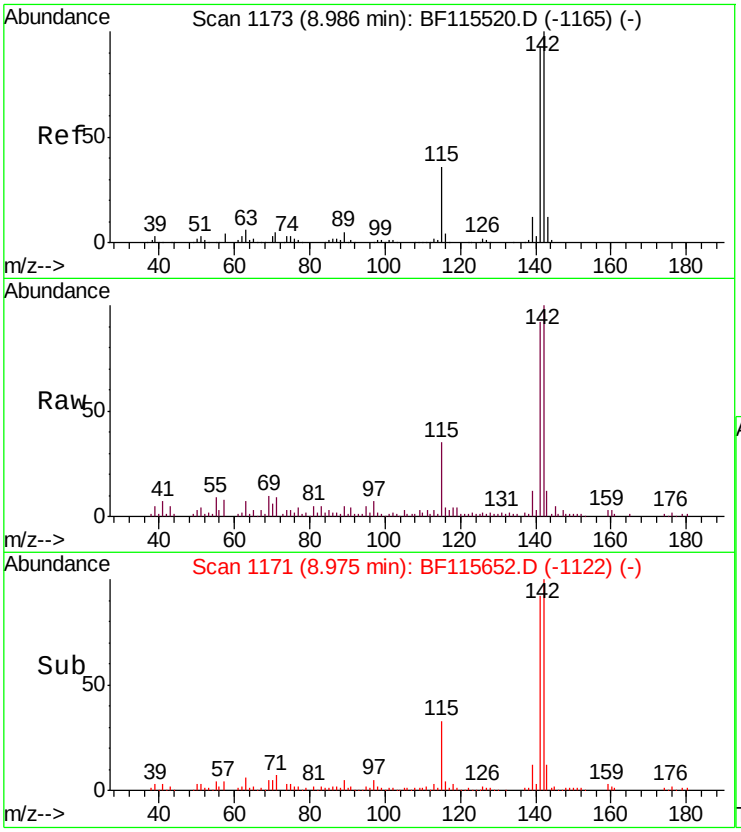


#37
2-Methylnaphthalene
Concen: 4.410 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:142 Resp: 89735

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.0	108.0
115	33.1	29.9	44.9



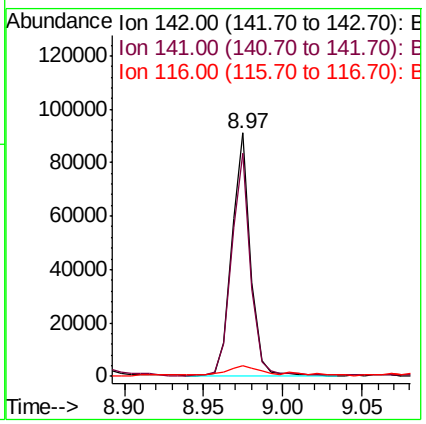


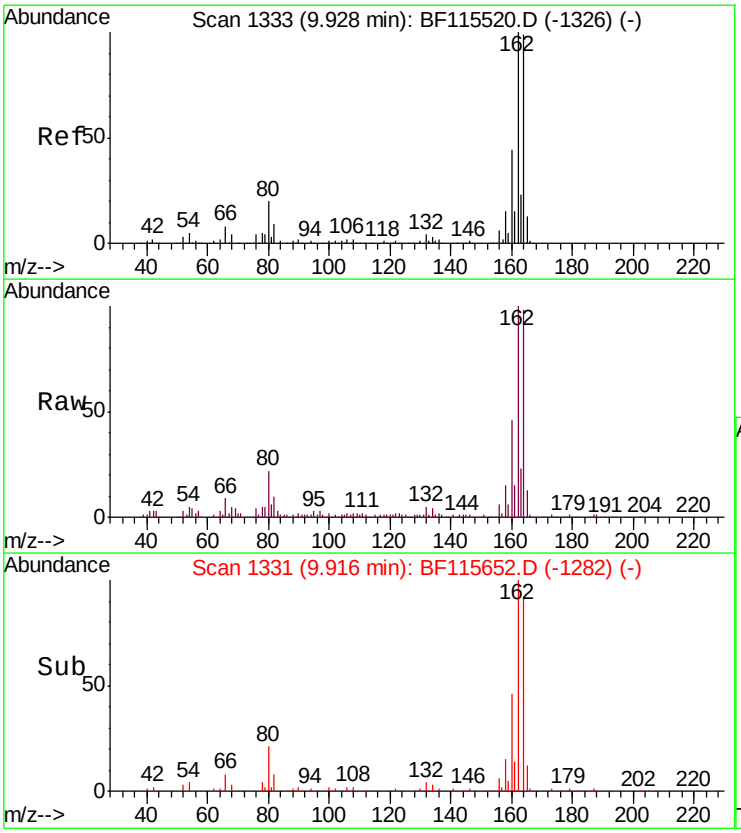
#38
1-Methylnaphthalene
Concen: 3.851 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:142 Resp: 74421

Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.3	112.9
116	4.5	3.3	4.9

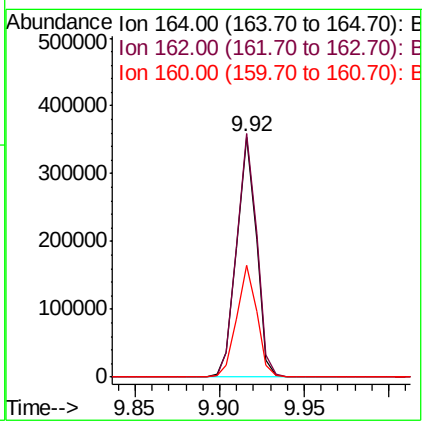


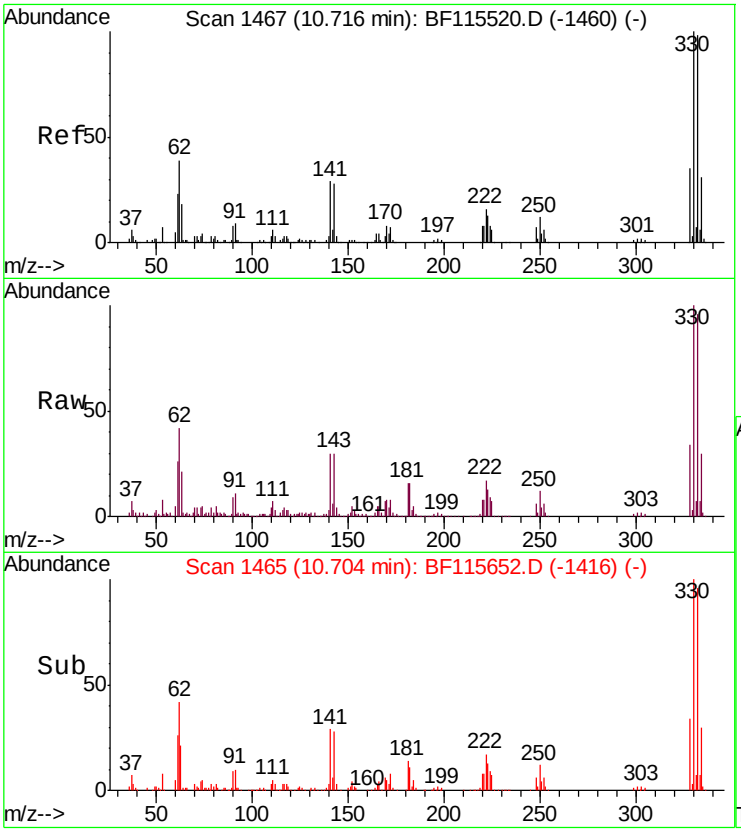


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:164 Resp: 287280

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.9	124.3
160	46.5	36.8	55.2



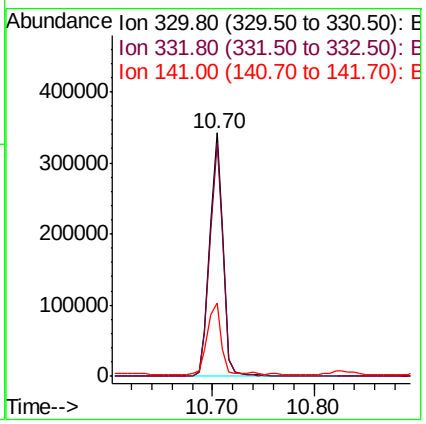


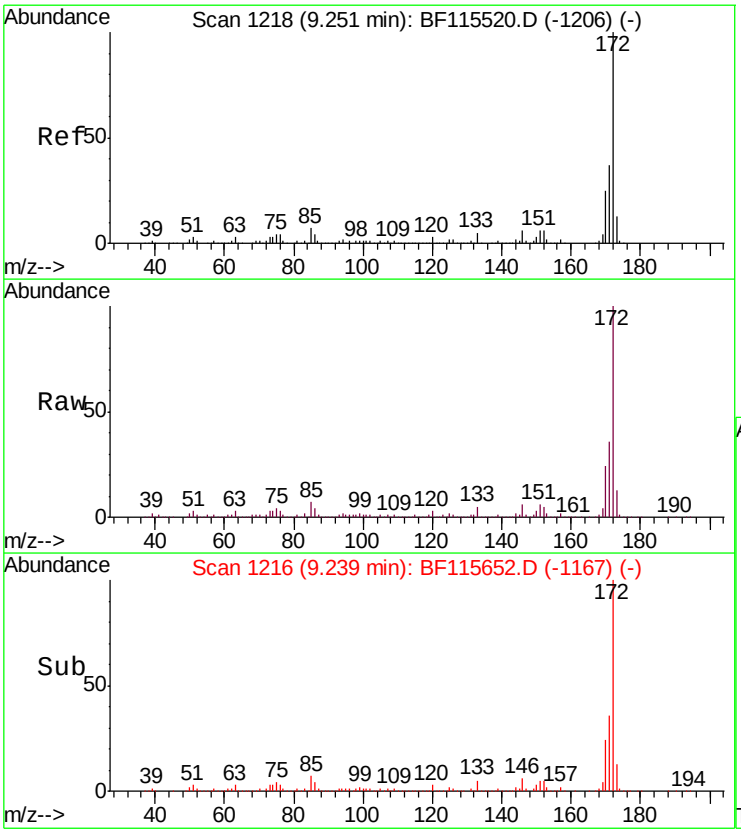
#42
2,4,6-Tribromophenol
Concen: 93.545 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:330 Resp: 313681

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	30.5	22.4	33.6

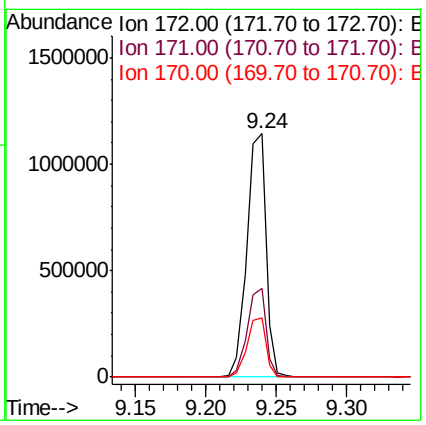


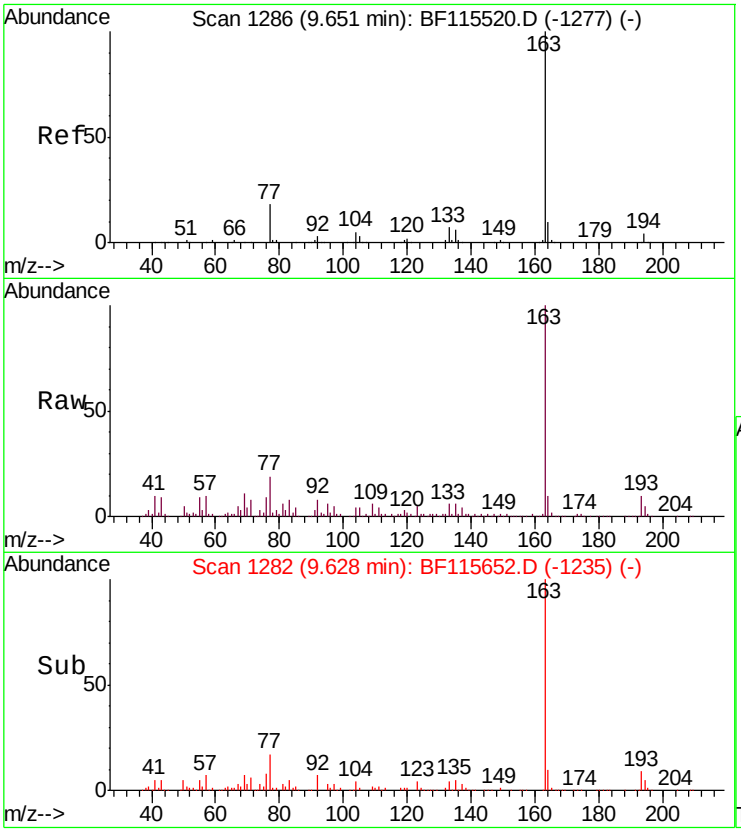


#45
2-Fluorobiphenyl
Concen: 66.864 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:172 Resp: 1097464

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	46.0
170	24.3	20.5	30.7



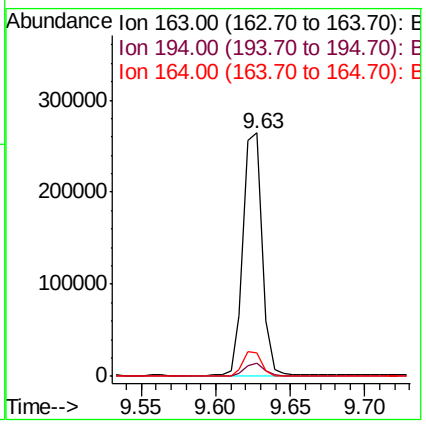


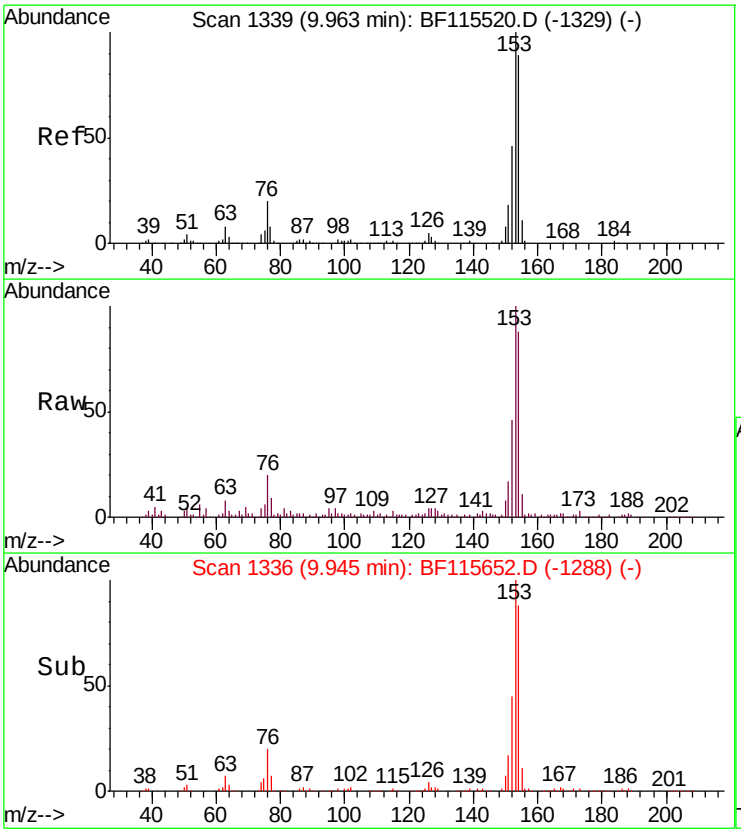
#50
Dimethylphthalate
Concen: 10.818 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:163 Resp: 233815

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.3	4.9#
164	9.8	8.7	13.1

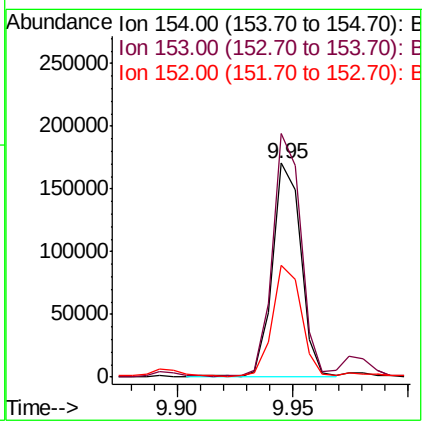


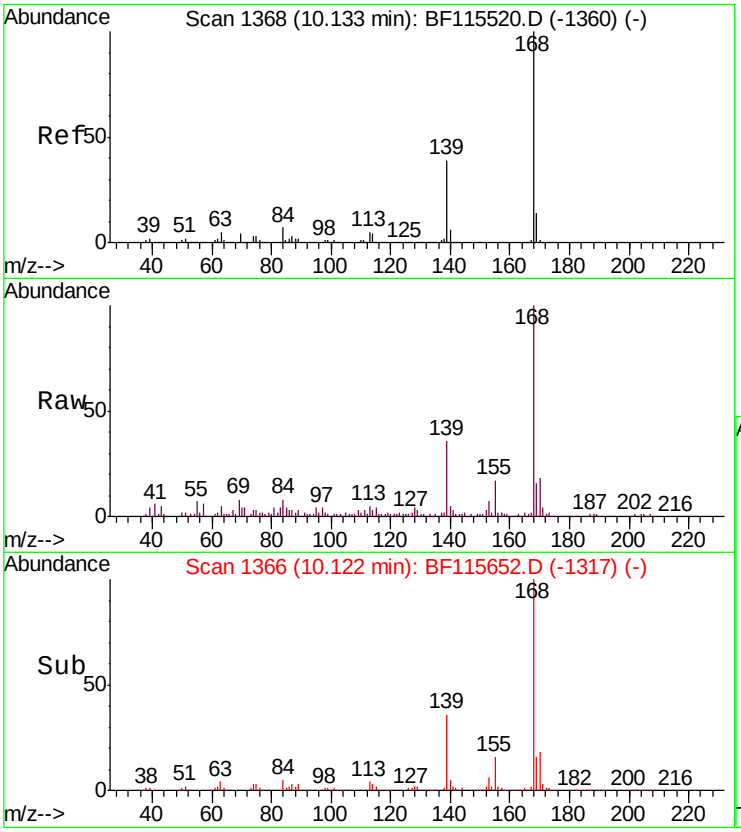


#52
Acenaphthene
Concen: 8.034 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:154 Resp: 143729

Ion	Ratio	Lower	Upper
154	100		
153	113.9	88.6	133.0
152	52.0	42.3	63.5



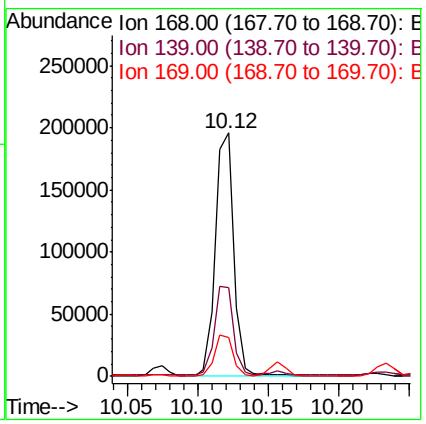


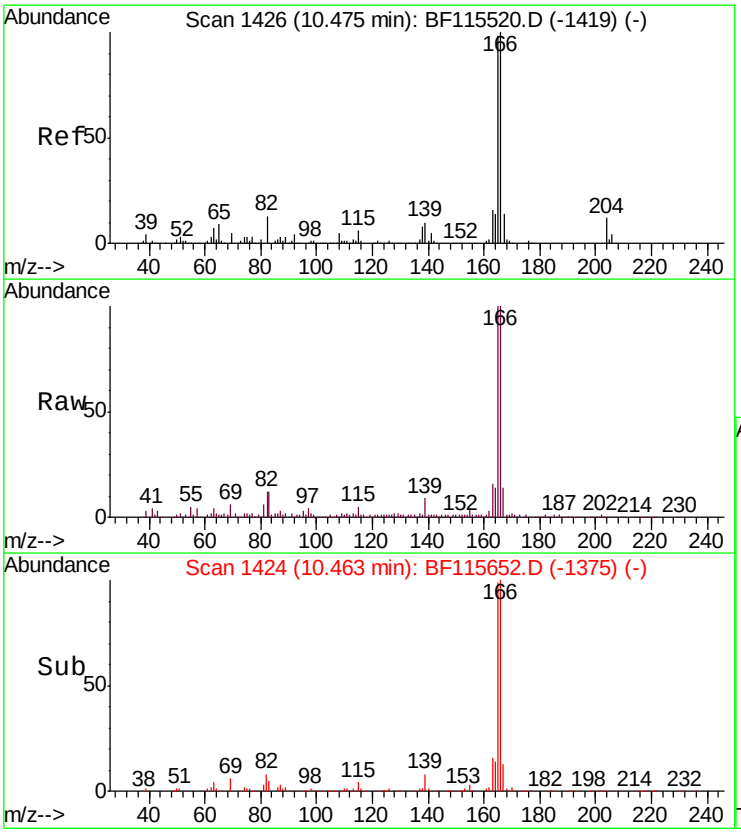
#55
Dibenzofuran
Concen: 6.980 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:168 Resp: 177325

Ion	Ratio	Lower	Upper
168	100		
139	36.4	31.1	46.7
169	15.8	11.1	16.7

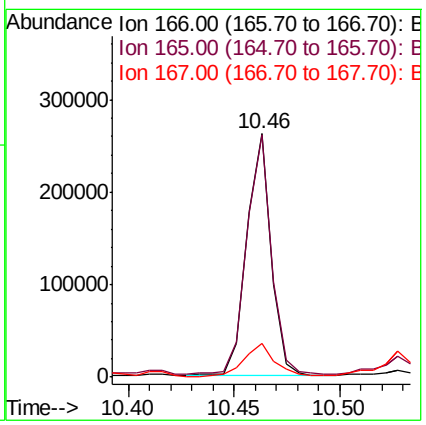


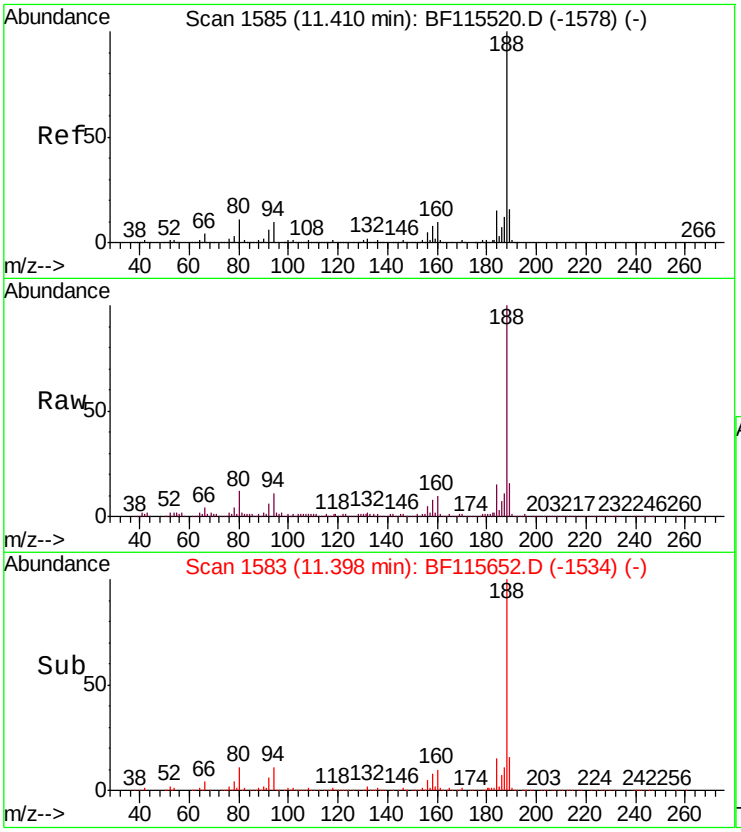


#58
Fluorene
Concen: 11.484 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:166 Resp: 208584

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.6
167	14.0	11.2	16.8



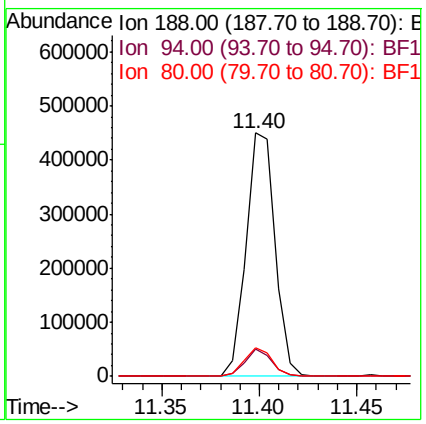


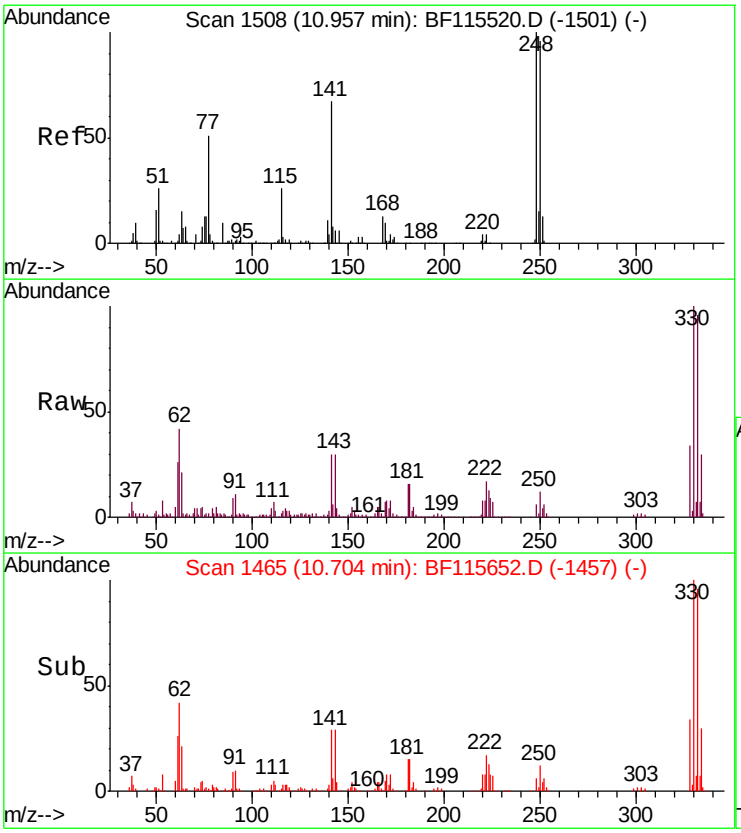
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:188 Resp: 460548

Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.8	11.6
80	11.6	8.6	13.0

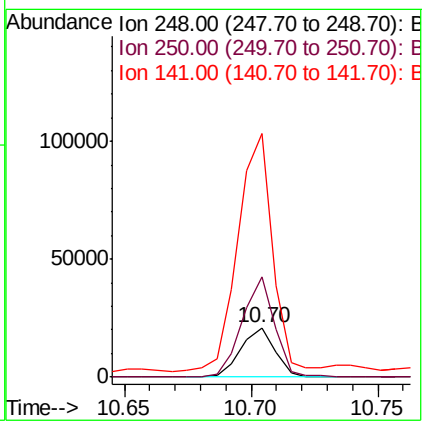


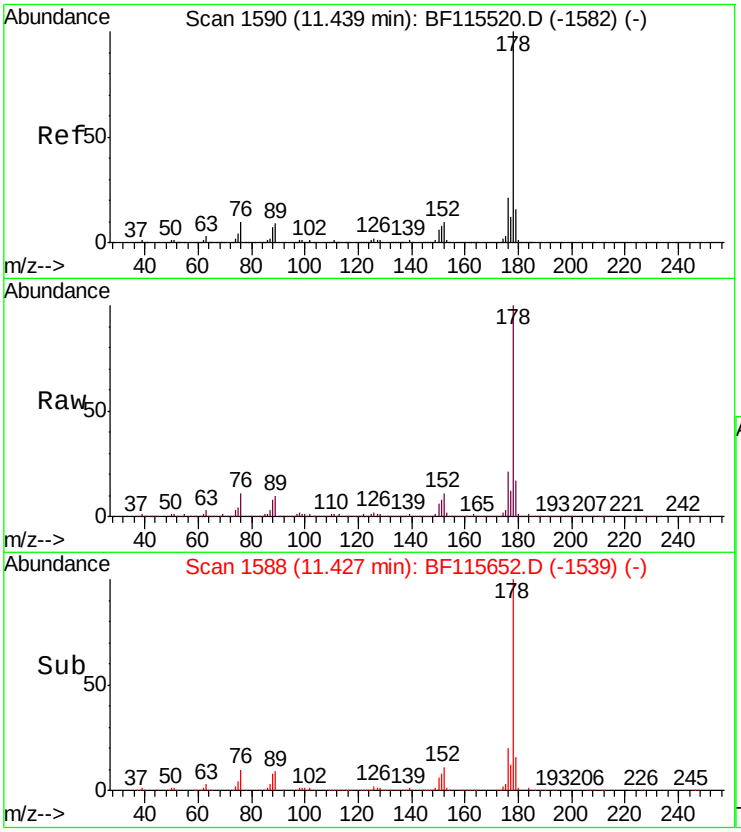


#67
4-Bromophenyl-phenylether
Concen: 3.732 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:248 Resp: 19642

Ion	Ratio	Lower	Upper
248	100		
250	202.4	78.0	117.0#
141	490.1	57.7	86.5#



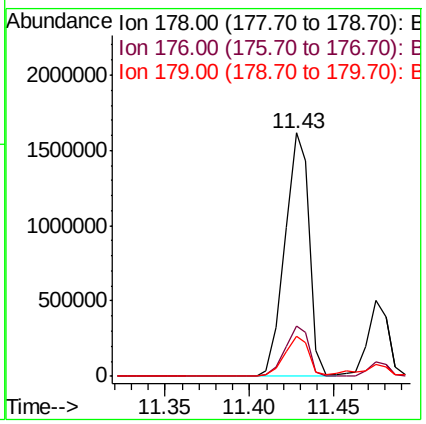


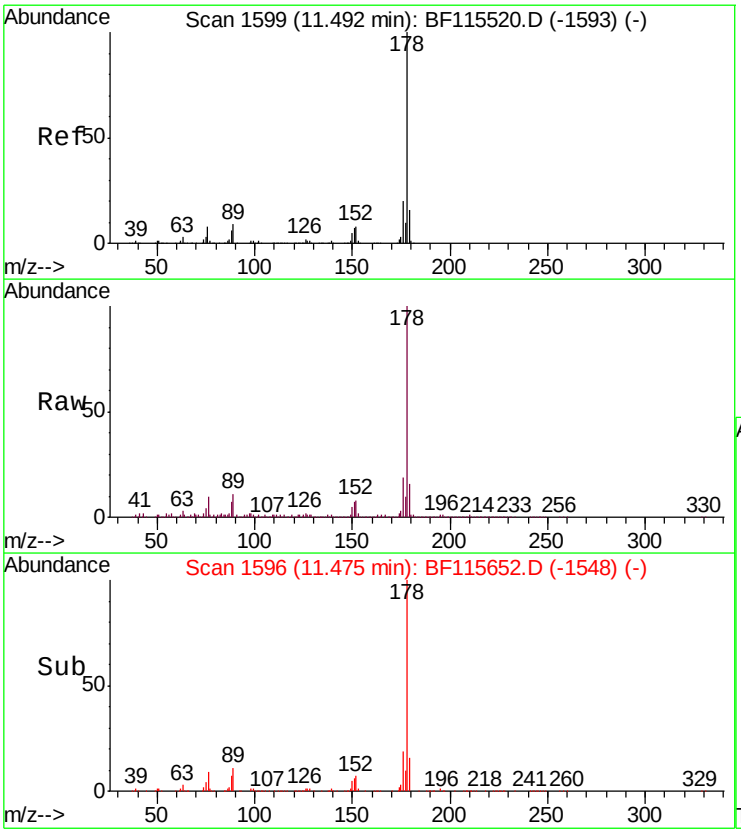
#71
Phenanthrene
Concen: 68.817 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:178 Resp: 1624574

Ion	Ratio	Lower	Upper
178	100		
176	20.5	17.2	25.8
179	16.5	13.5	20.3

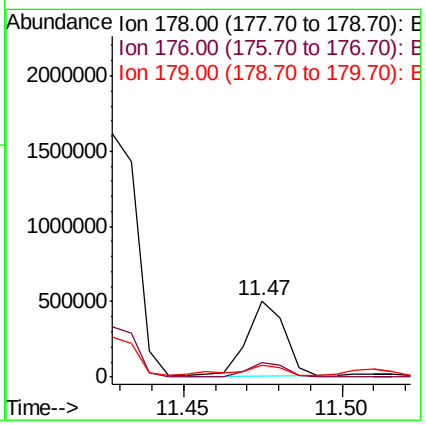


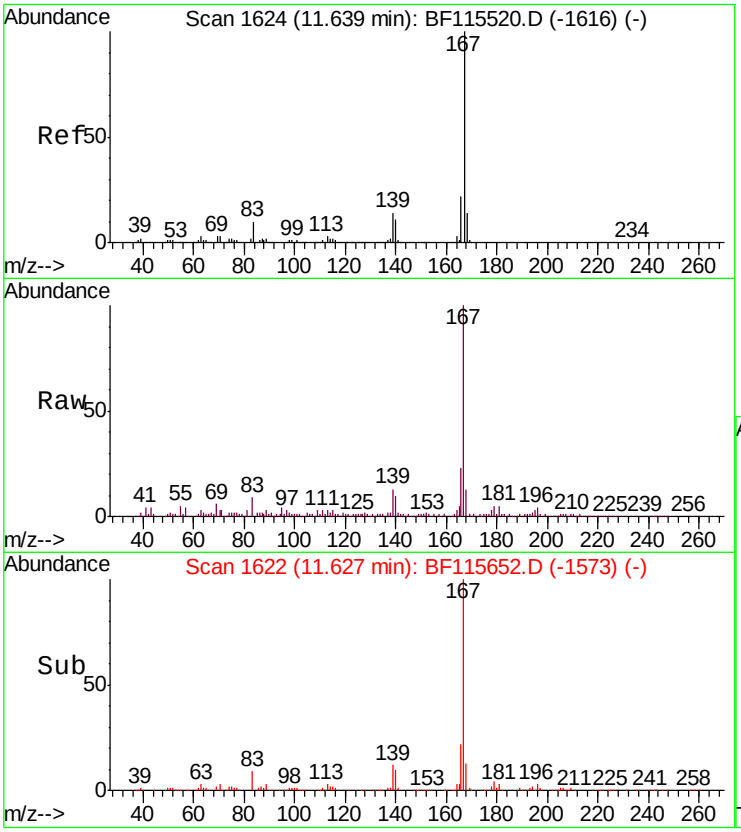


#72
Anthracene
Concen: 16.832 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:178 Resp: 410666

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	16.3	12.7	19.1



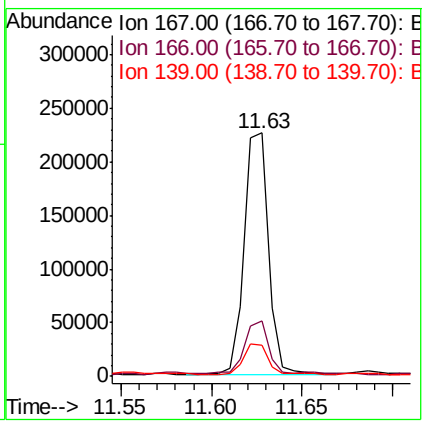


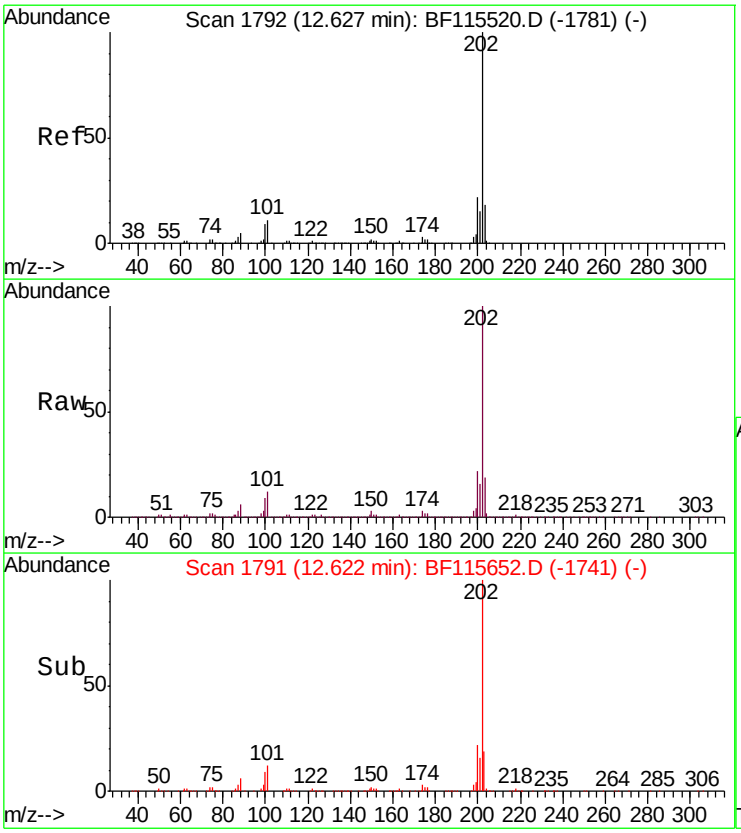
#73
Carbazole
Concen: 9.750 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:167 Resp: 208591

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	12.5	11.3	16.9

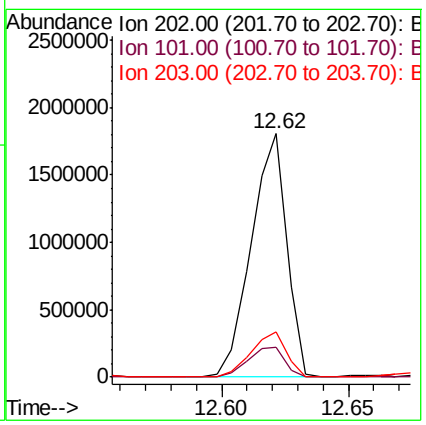


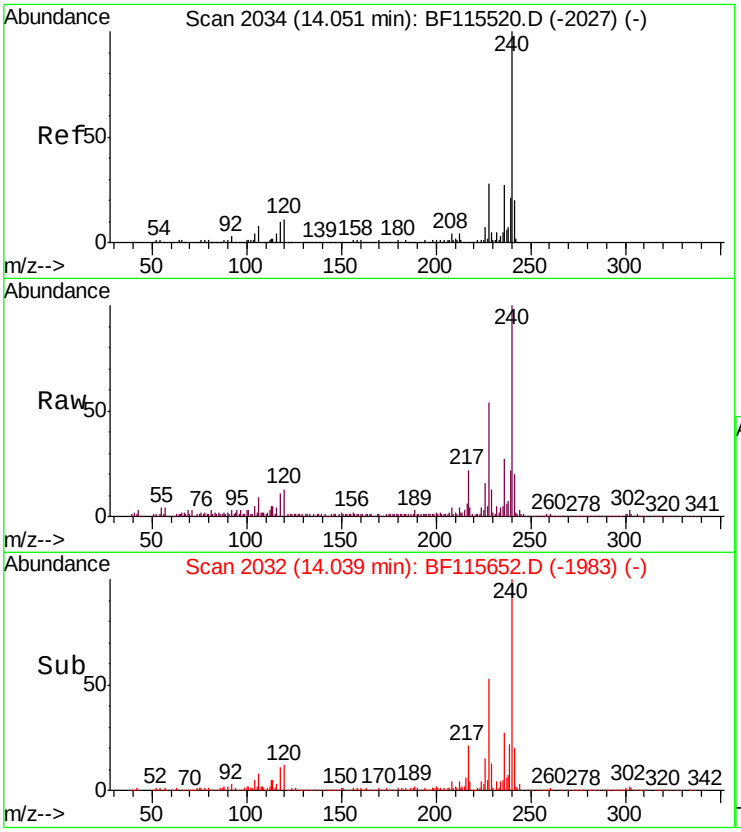


#75
Fluoranthene
Concen: 70.493 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:202 Resp: 1758562

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.4
203	18.8	0.0	38.1



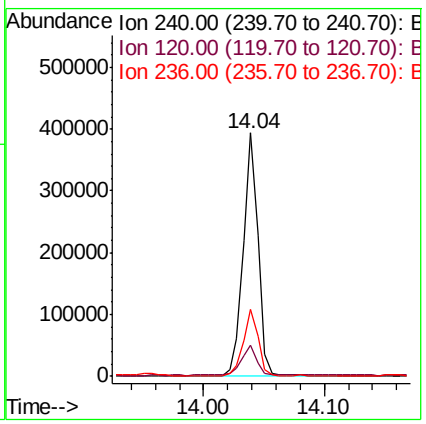


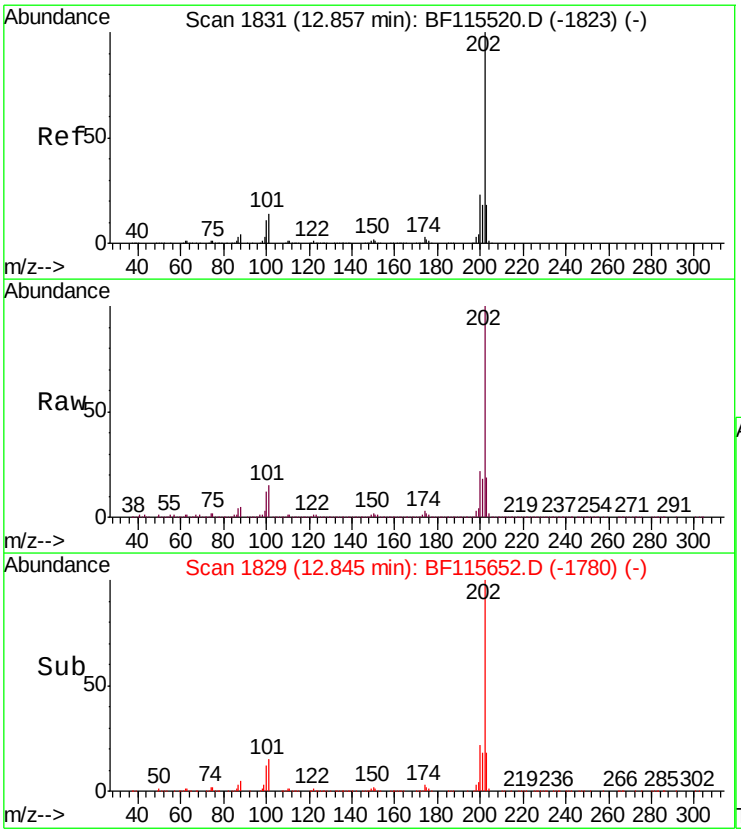
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:240 Resp: 338919

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.6	13.0
236	27.5	21.3	31.9

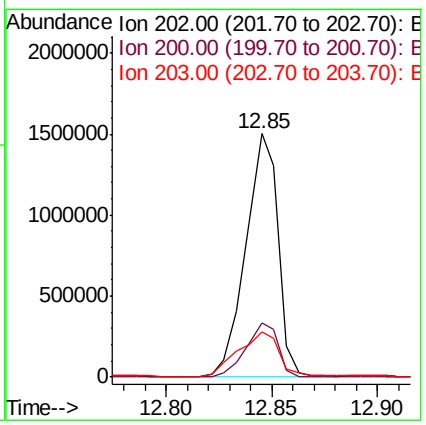


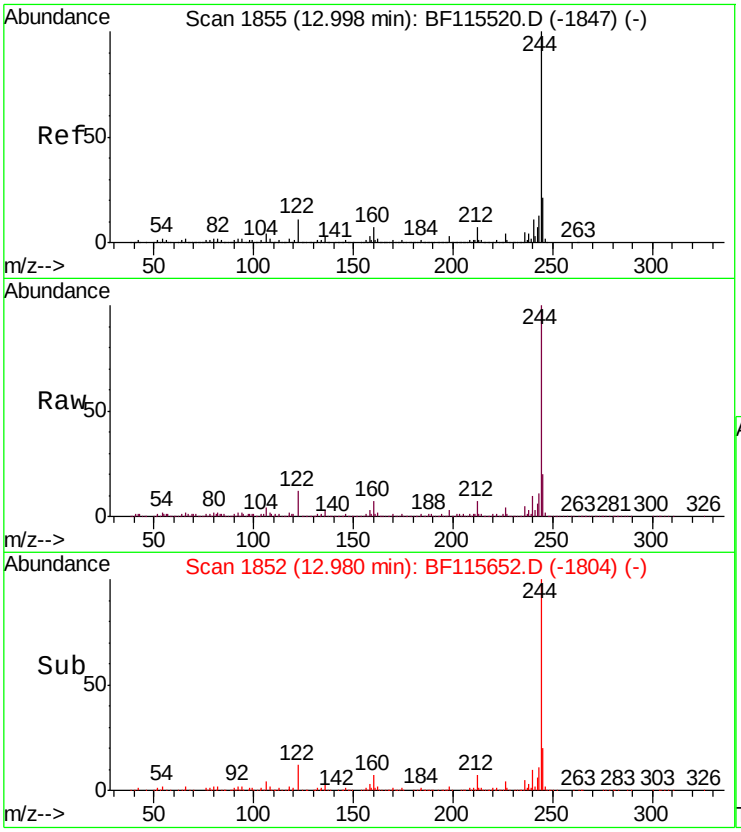


#78
Pyrene
Concen: 55.418 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:202 Resp: 1591299

Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.7	28.1
203	18.5	15.2	22.8



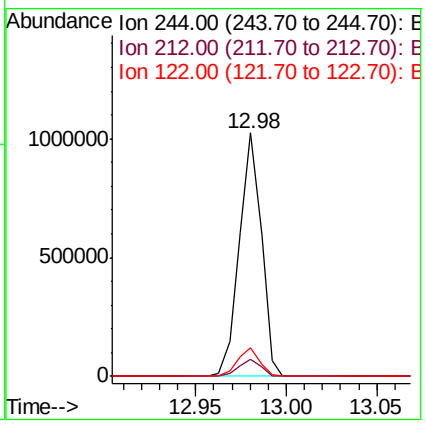


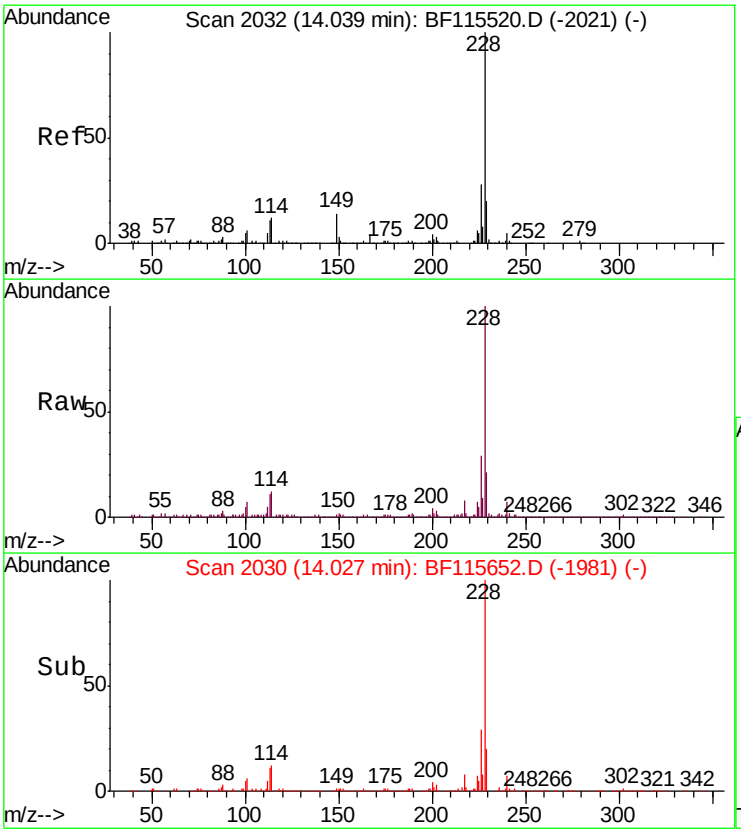
#79
Terphenyl-d14
Concen: 47.164 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:244 Resp: 866297

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	11.9	8.6	12.8

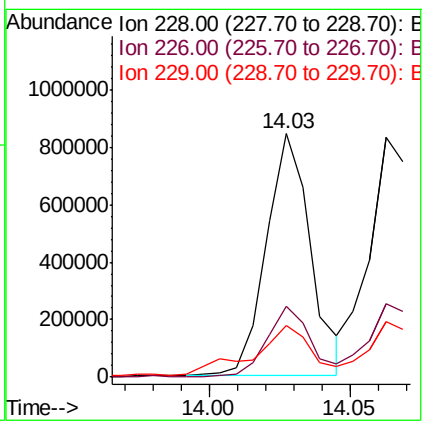


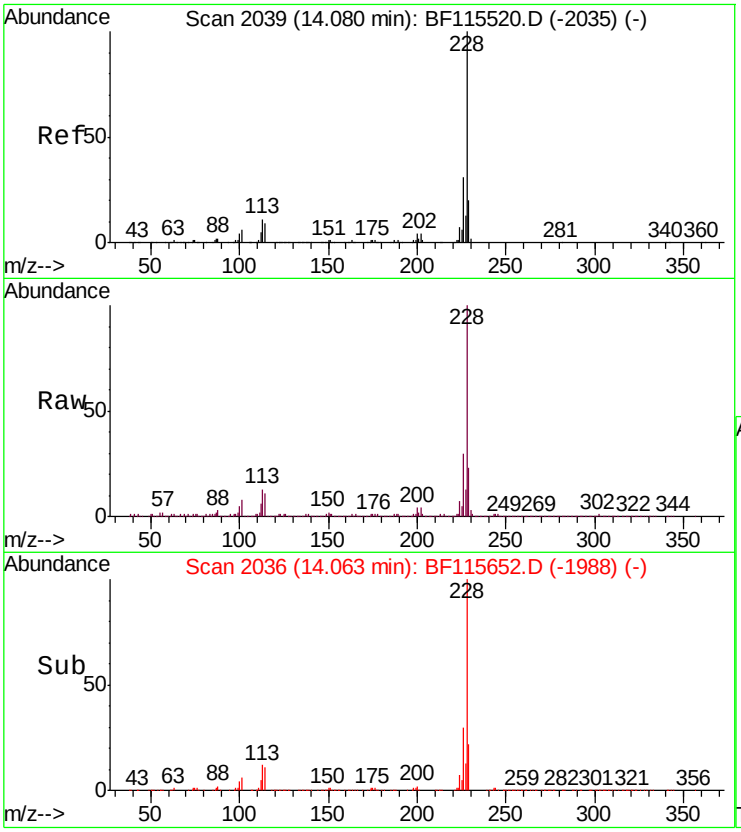


#81
Benzo(a)anthracene
Concen: 41.079 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:228 Resp: 917213

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	21.4	17.2	25.8



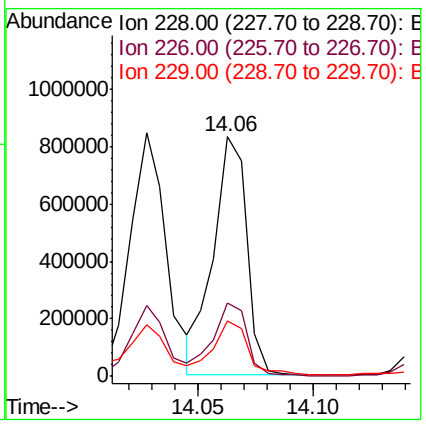


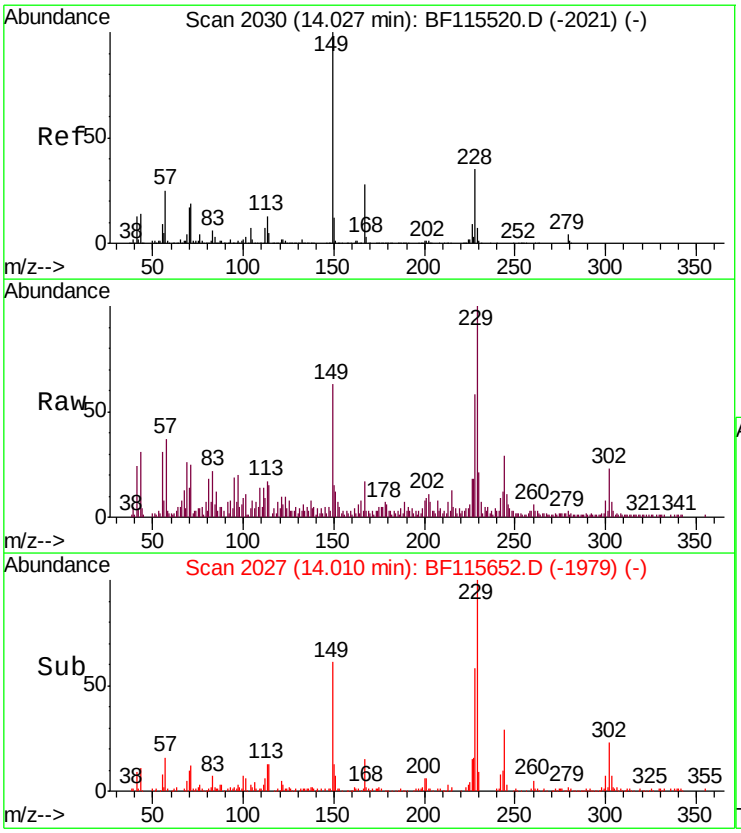
#83
Chrysene
Concen: 37.300 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:228 Resp: 836050

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.7	38.5
229	23.2	16.6	25.0

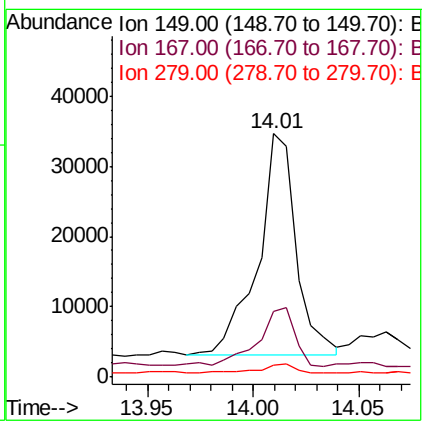


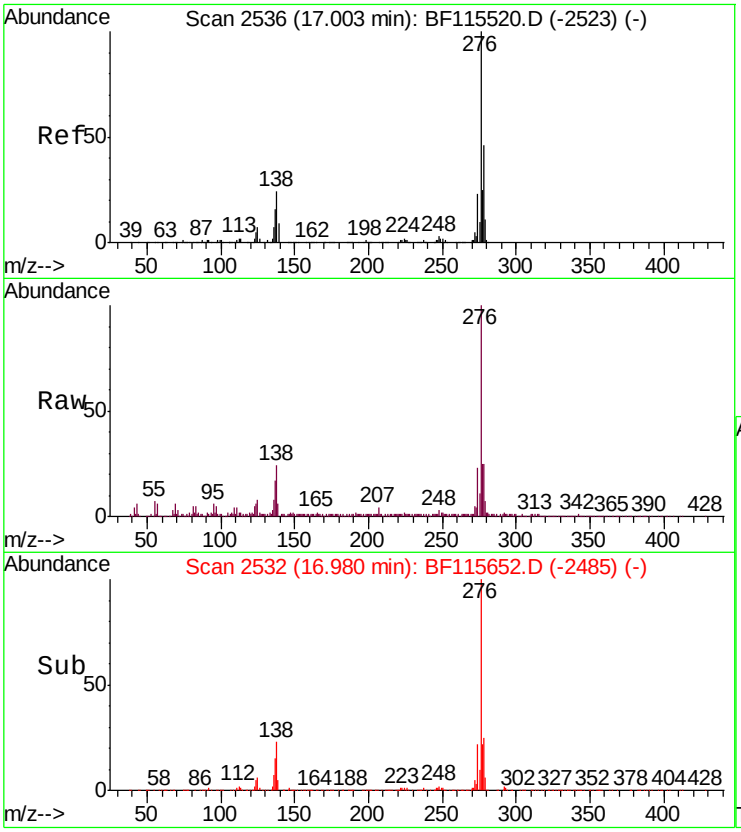


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.611 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:149 Resp: 39583

Ion	Ratio	Lower	Upper
149	100		
167	27.0	23.0	34.4
279	5.1	4.2	6.2



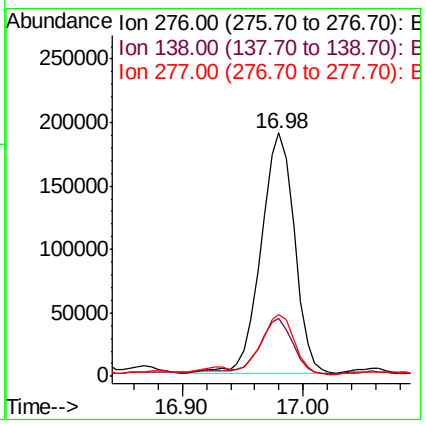


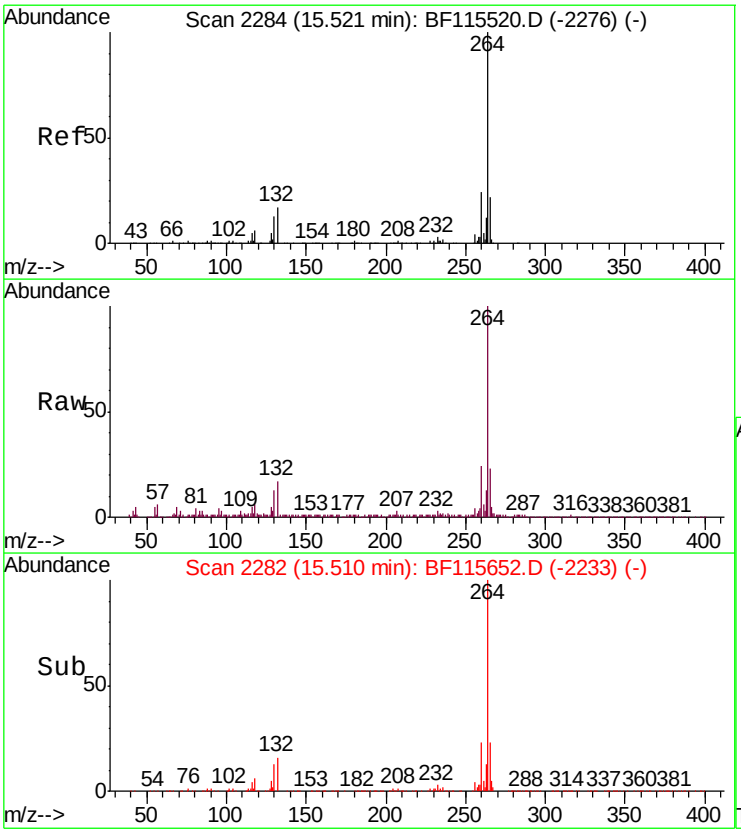
#86
Indeno(1,2,3-cd)pyrene
Concen: 19.154 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:276 Resp: 364736

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.2	30.2
277	23.9	20.4	30.6

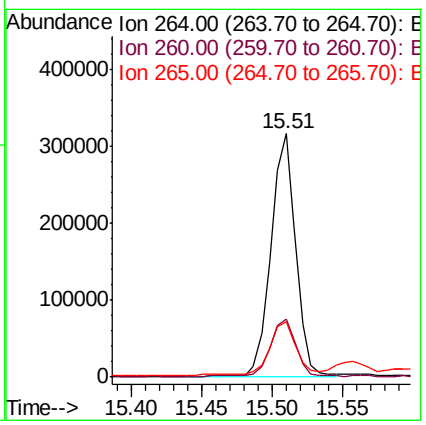


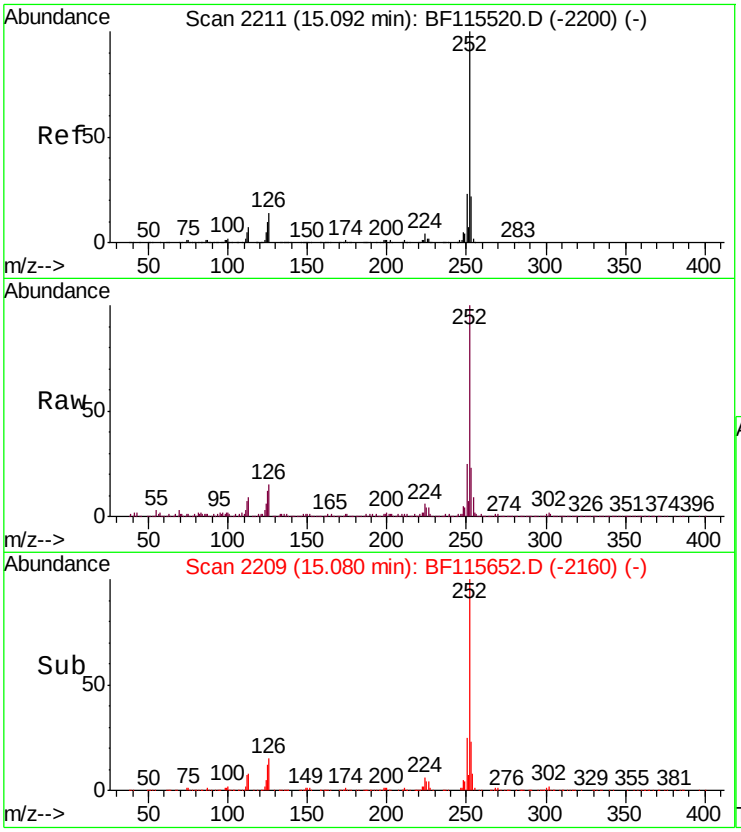


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:264 Resp: 386238

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.8
265	23.0	17.7	26.5



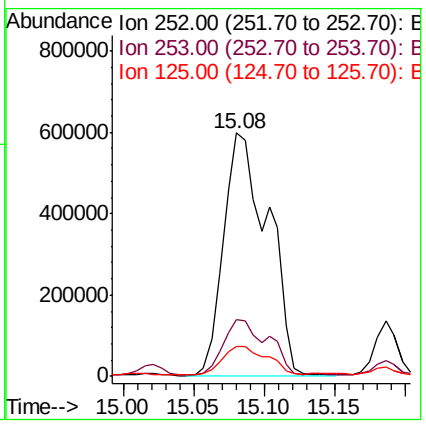


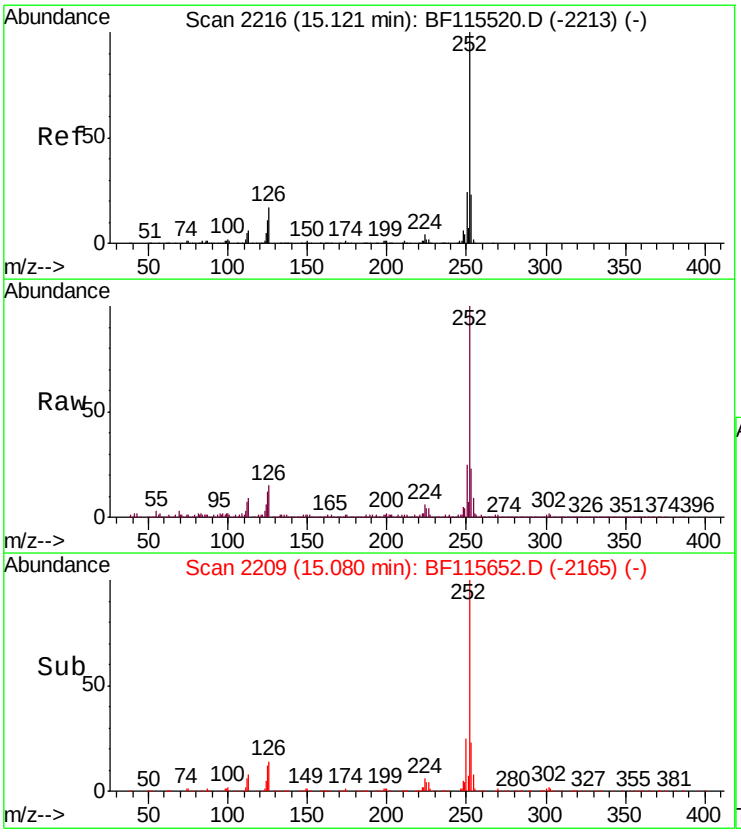
#88
Benzo(b)fluoranthene
Concen: 52.622 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:252 Resp: 1308729

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	12.4	9.0	13.4

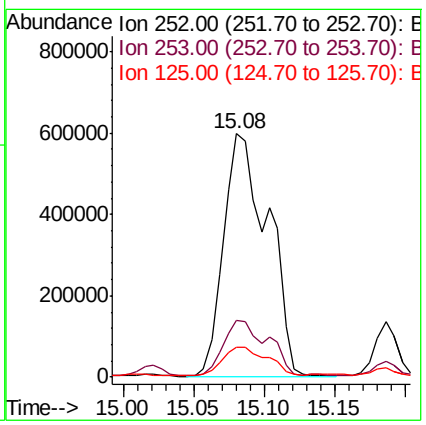


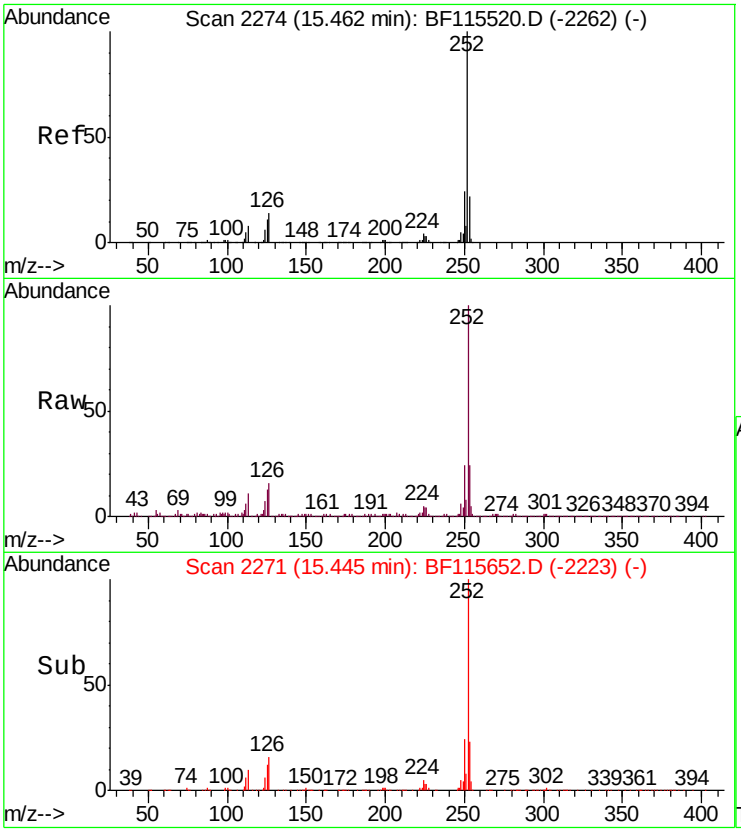


#89
Benzo(k)fluoranthene
Concen: 59.022 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:252 Resp: 1308729

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	12.4	9.0	13.6



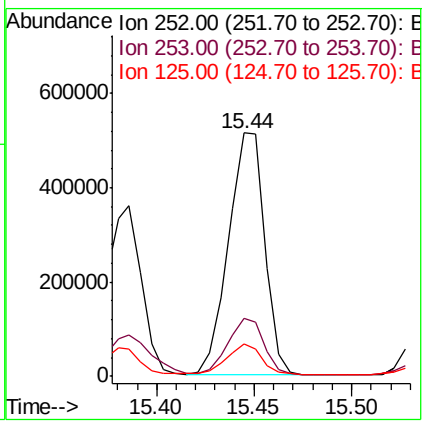


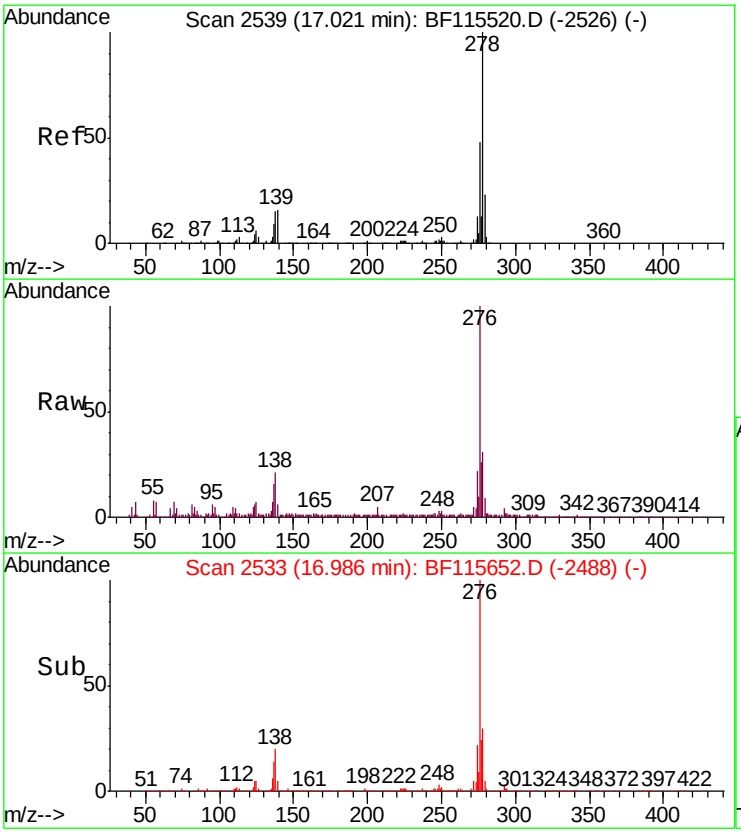
#90
Benzo(a)pyrene
Concen: 30.949 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:252 Resp: 661567

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	13.1	9.1	13.7

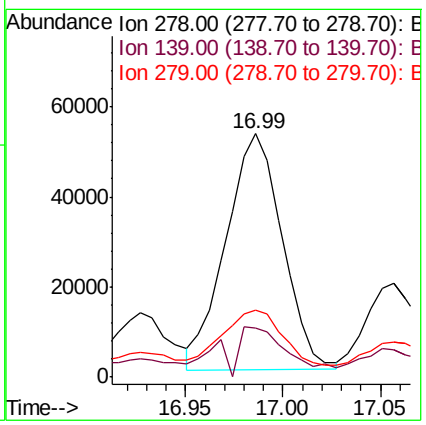


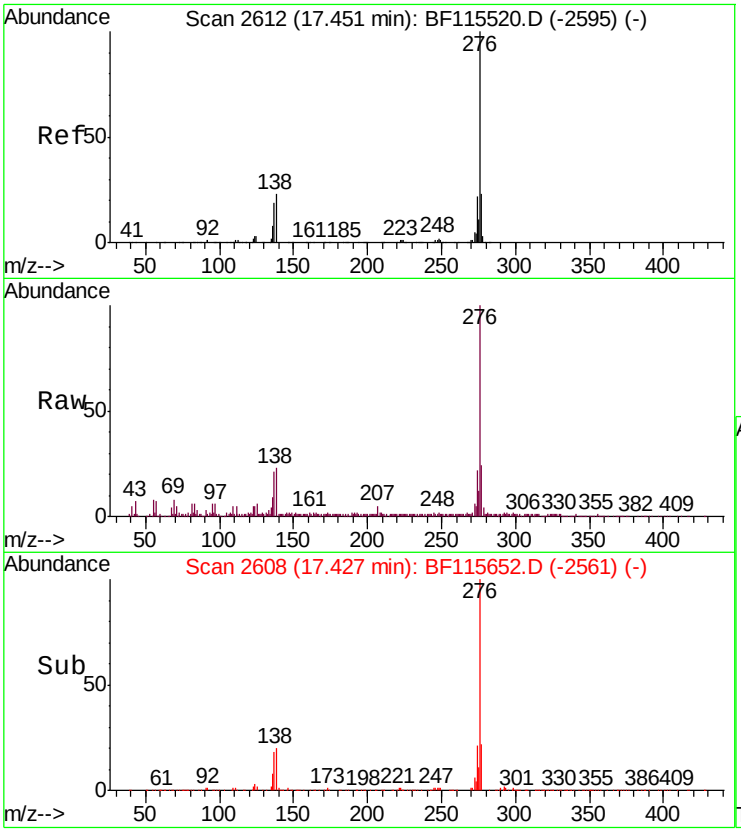


#91
Dibenzo(a,h)anthracene
Concen: 5.591 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Tgt Ion:278 Resp: 104918

Ion	Ratio	Lower	Upper
278	100		
139	20.3	13.1	19.7#
279	27.7	19.6	29.4





#92
Benzo(g,h,i)perylene
Concen: 16.512 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.02 min
Lab File: BF115652.D
Acq: 18 Jul 2019 17:24

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Tgt Ion:276 Resp: 309026

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.4
138	22.9	17.2	25.8