Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115616.D
Acq On : 16 Jul 2019 23:44
Operator : HP/JU
Sample : K3740-04RE 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 17 03:57:06 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	6.89	152	164974	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	624391	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	248780	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	454589	20.00	ng		0.00
76) Chrysene-d12	14.06	240	325512	20.00	ng		0.00
87) Perylene-d12	15.53	264	276074	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	482346	47.82	ng		0.00
7) Phenol-d6	6.51	99	641540	50.13	ng		0.00
23) Nitrobenzene-d5	7.44	82	362018	33.71	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	101537	34.97	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	725765	51.06	ng		-0.01
79) Terphenyl-d14	12.99	244	663484	37.61	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	47273	5.664	ng	#	79
25) Isophorone	7.44	82	353757	16.464	ng	#	64
50) Dimethylphthalate	9.63	163	160452	8.572	ng		97
52) Acenaphthene	9.96	154	66385	4.285	ng		99
58) Fluorene	10.47	166	68351	4.346	ng		100
71) Phenanthrene	11.44	178	729113	31.290	ng		96
72) Anthracene	11.49	178	224883	9.338	ng		97
73) Carbazole	11.63	167	78539	3.719	ng		97
75) Fluoranthene	12.63	202	1184265	48.094	ng		99
78) Pyrene	12.86	202	1068903	38.758	ng		98
81) Benzo(a)anthracene	14.04	228	561516	26.184	ng		98
83) Chrysene	14.08	228	470760	21.868	ng		96
86) Indeno(1,2,3-cd)pyrene	17.02	276	190141	10.396	ng		94
88) Benzo(b)fluoranthene	15.10	252	691196	38.882	ng		96
89) Benzo(k)fluoranthene	15.10	252	691196	43.611	ng		97
90) Benzo(a)pyrene	15.47	252	342511	22.417	ng		97
91) Dibenzo(a,h)anthracene	17.03	278	48720	3.632	ng	#	79
92) Benzo(g,h,i)perylene	17.47	276	180180	13.469	ng		98

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

Quantitation Report (Not Reviewed)

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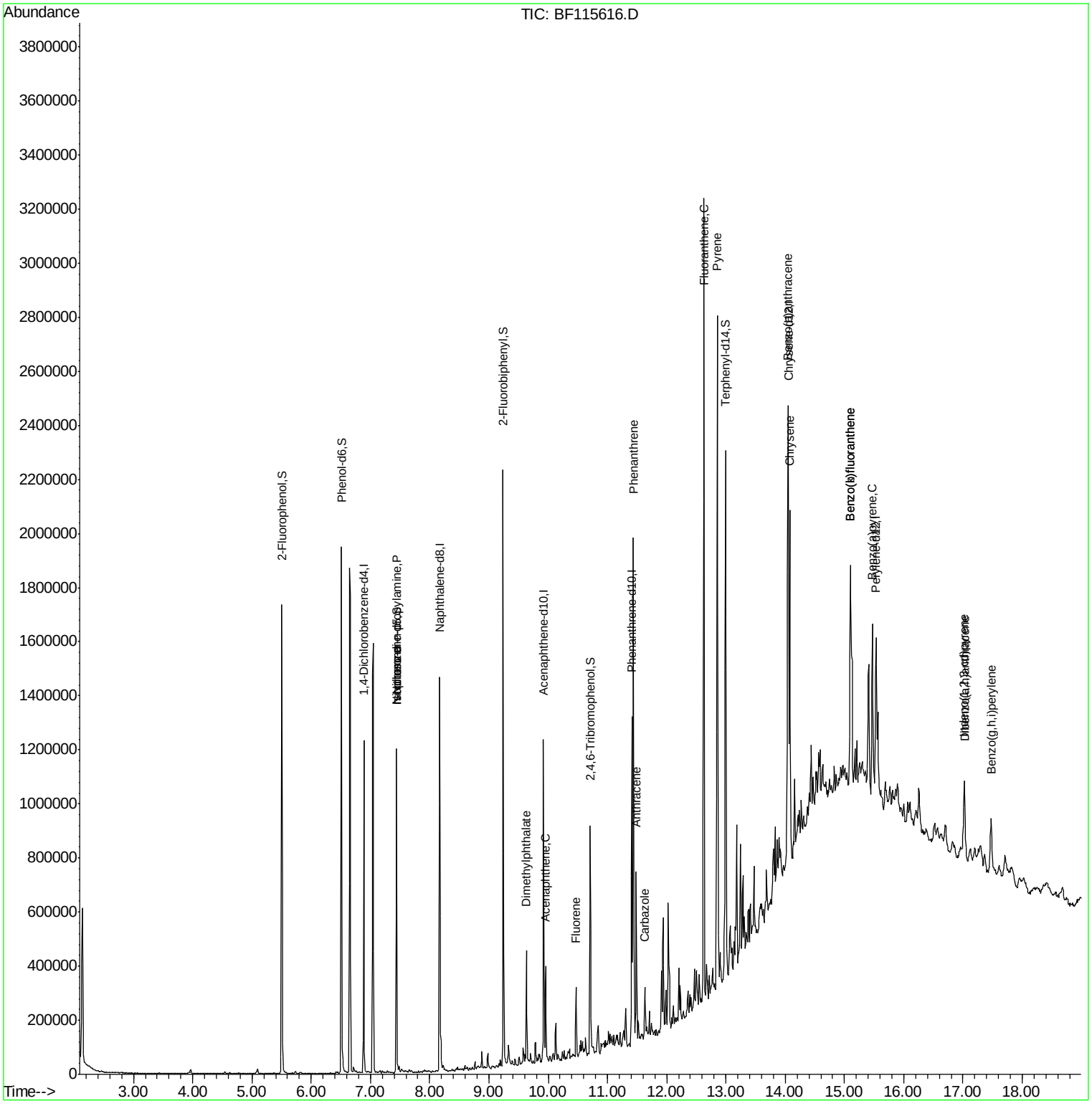
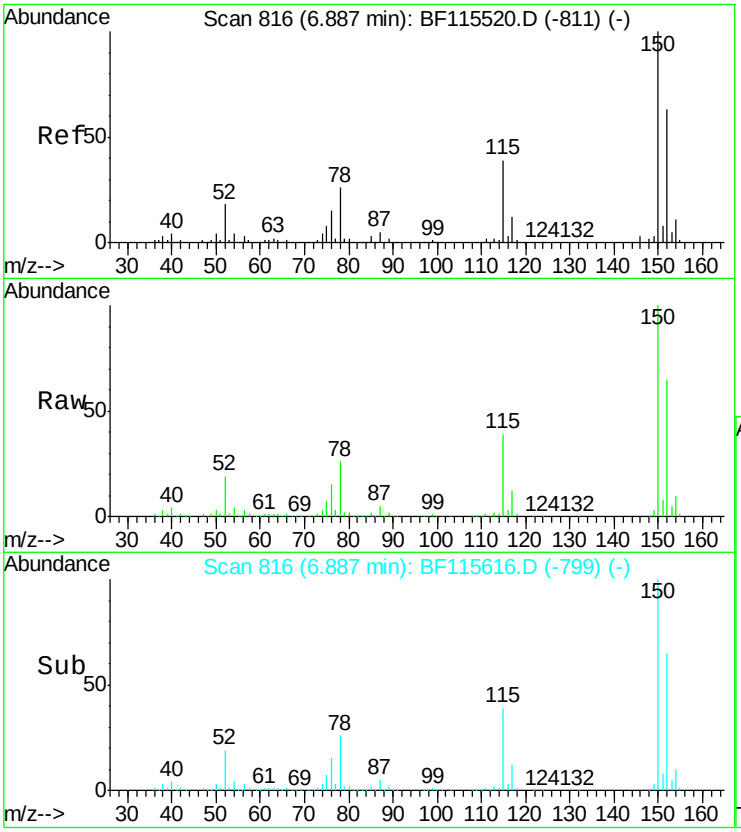


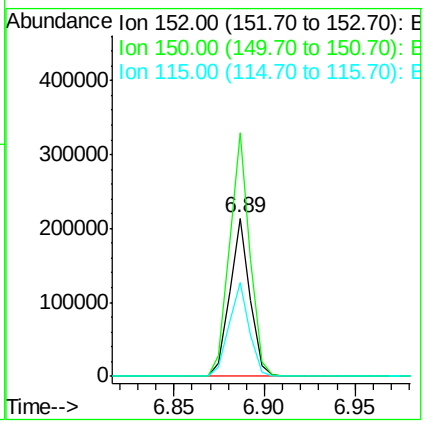


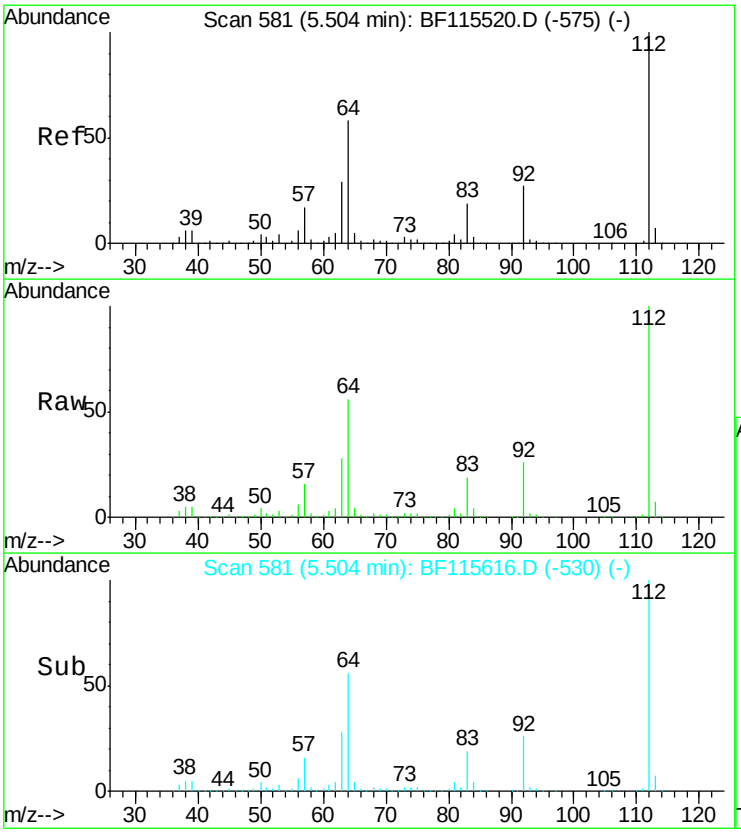
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 164974

Ion	Ratio	Lower	Upper
152	100		
150	153.9	129.7	194.5
115	59.5	48.2	72.4

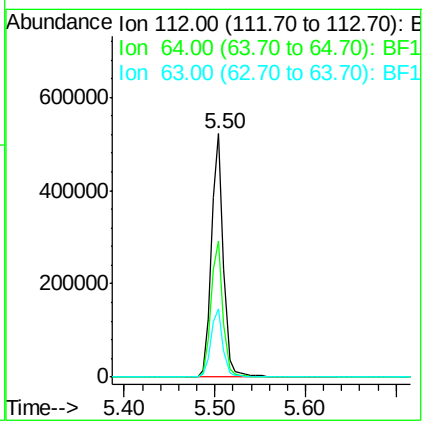


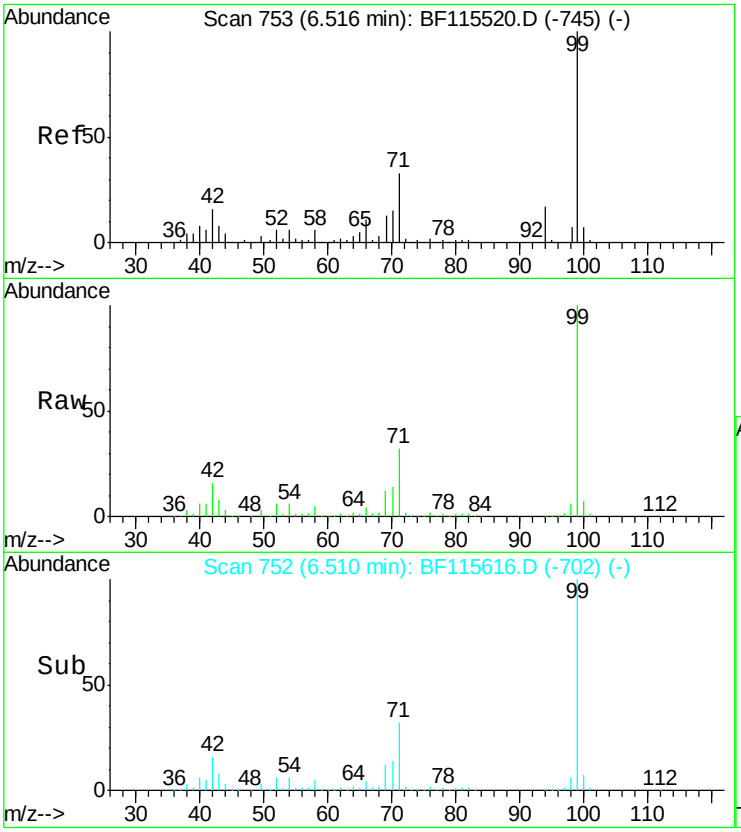


#5
2-Fluorophenol
Concen: 47.824 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:112 Resp: 482346

Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.8	70.2
63	28.1	24.1	36.1



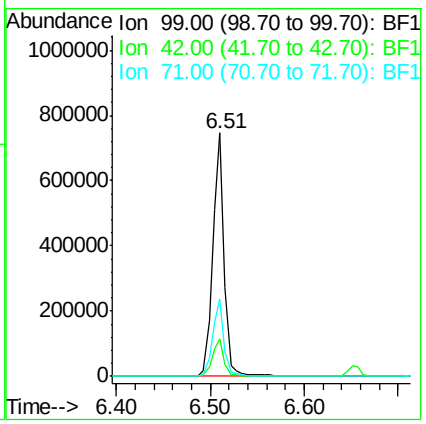


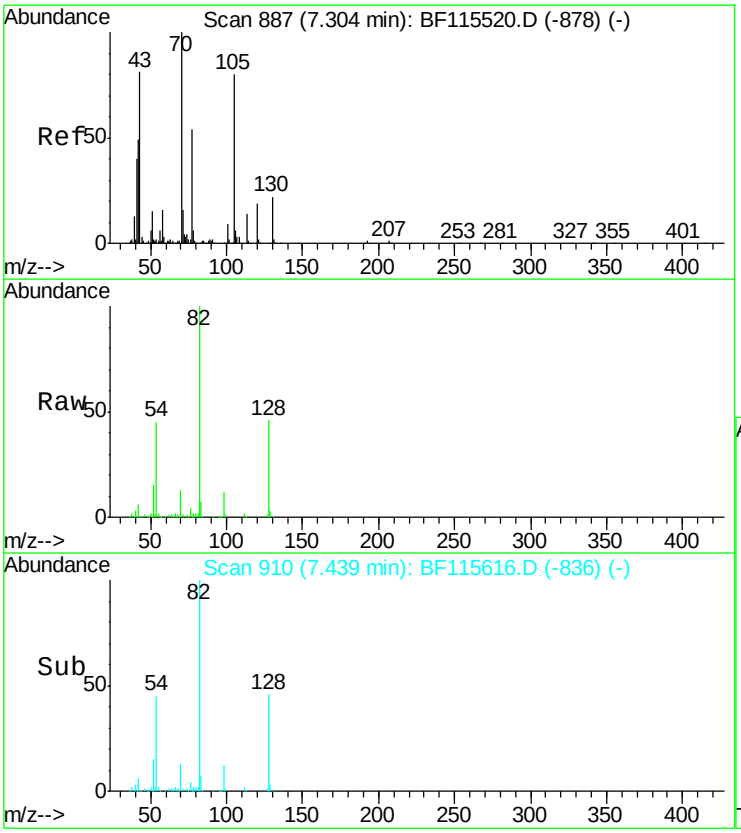
#7
Phenol-d6
Concen: 50.129 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 641540

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.6	20.4
71	31.9	28.5	42.7

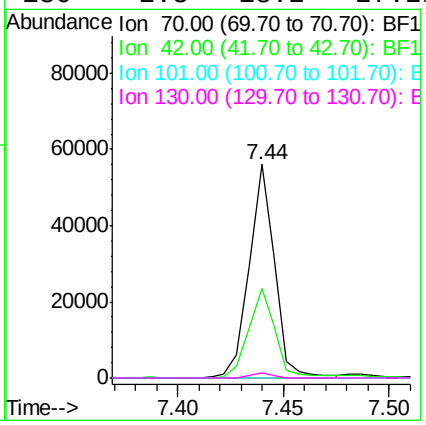


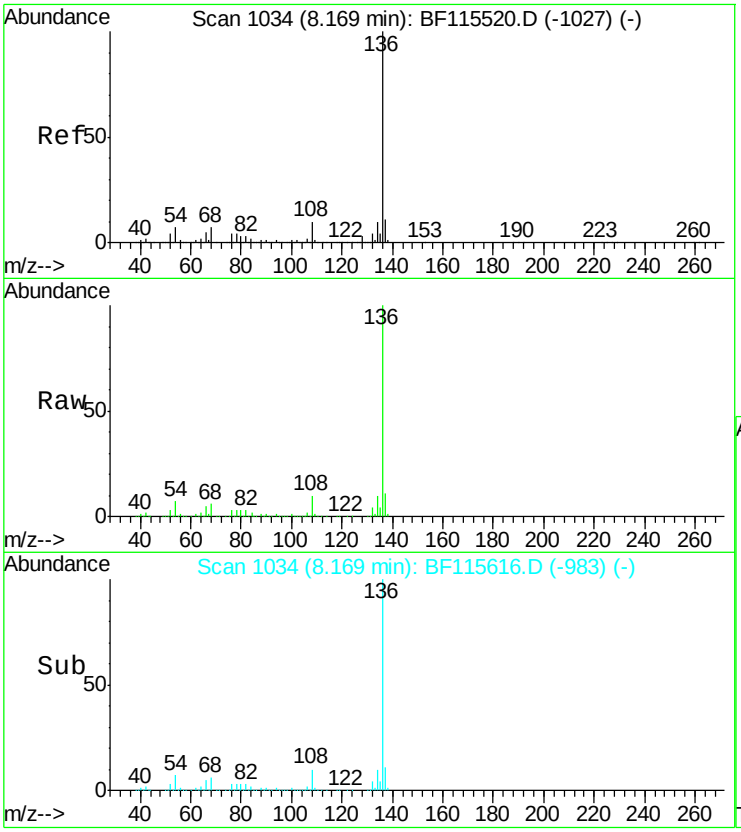


#19
n-Nitroso-di-n-propylamine
Concen: 5.664 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion: 70 Resp: 47273

Ion	Ratio	Lower	Upper
70	100		
42	42.2	39.6	59.4
101	0.0	8.1	12.1#
130	2.3	18.2	27.2#



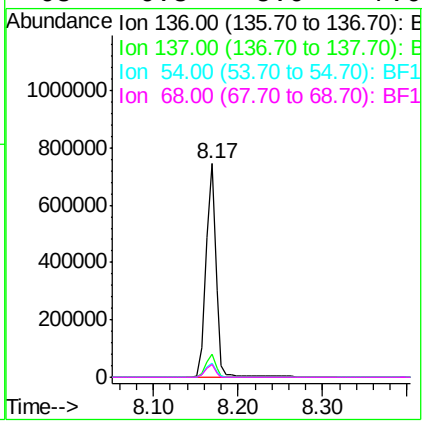


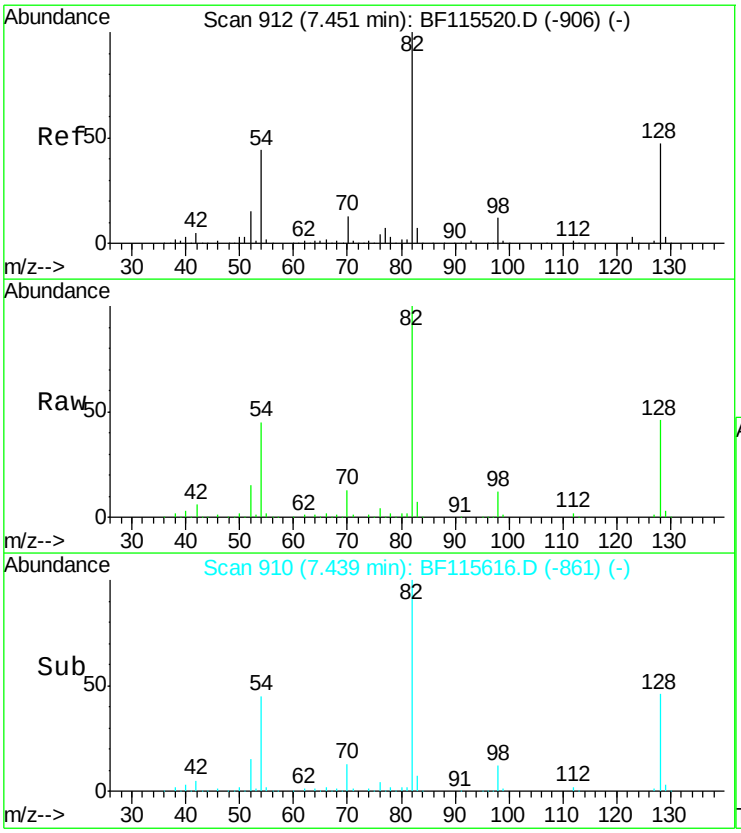
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 624391

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.6	5.6	8.4
68	6.3	5.0	7.6

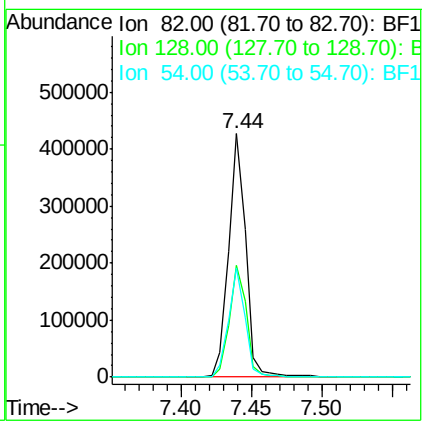


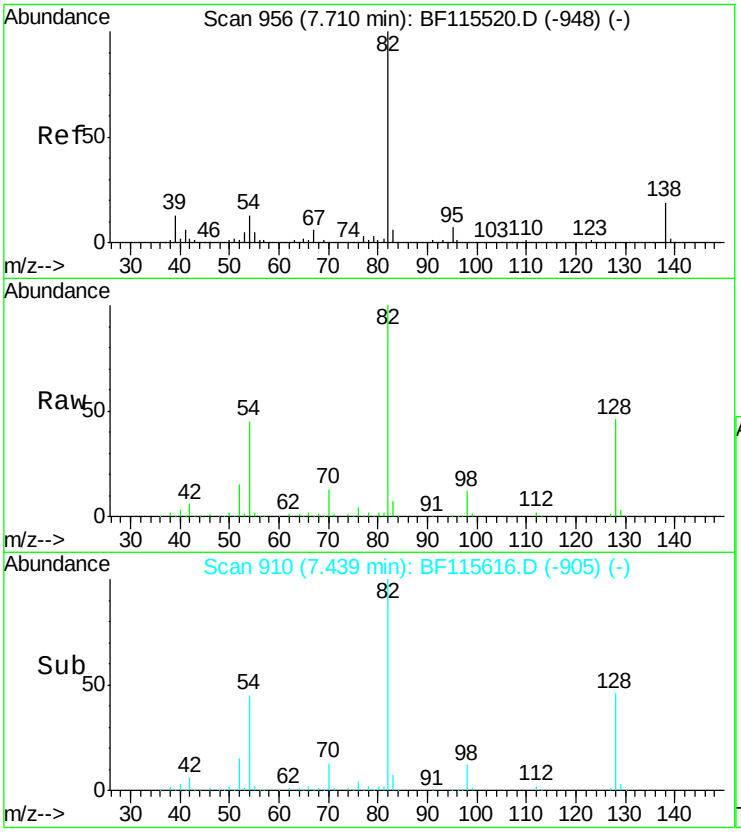


#23
Nitrobenzene-d5
Concen: 33.713 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion: 82 Resp: 362018

Ion	Ratio	Lower	Upper
82	100		
128	45.8	38.6	57.8
54	44.7	35.6	53.4



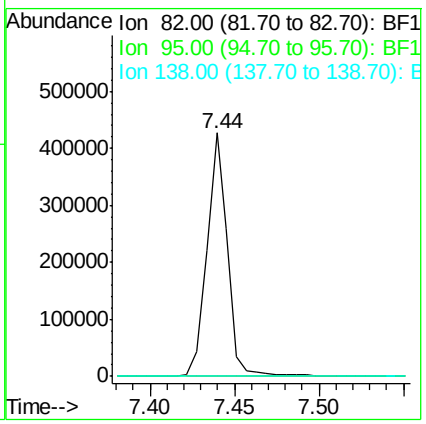


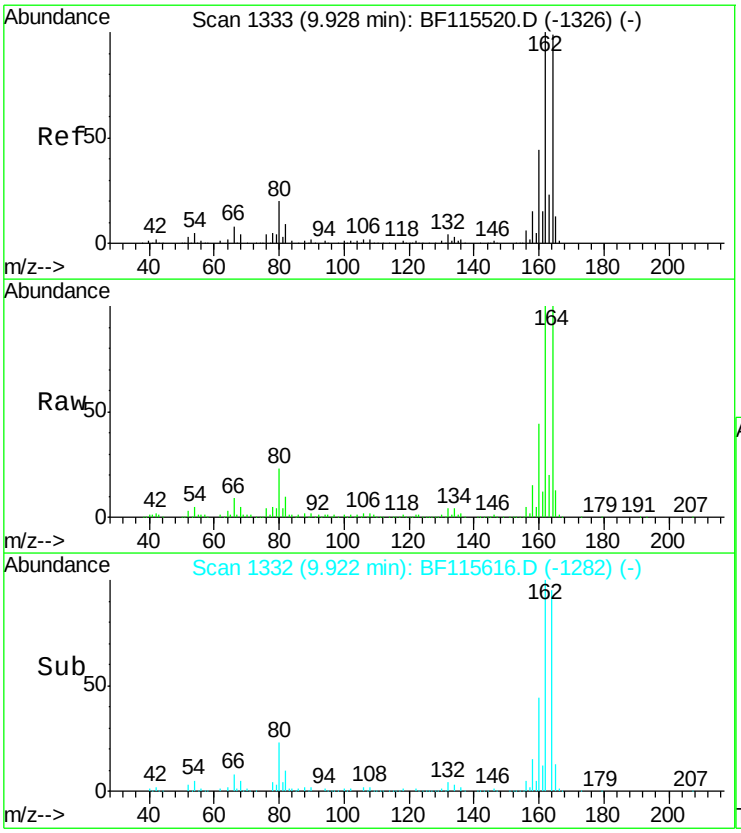
#25
Isophorone
Concen: 16.464 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 353757

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

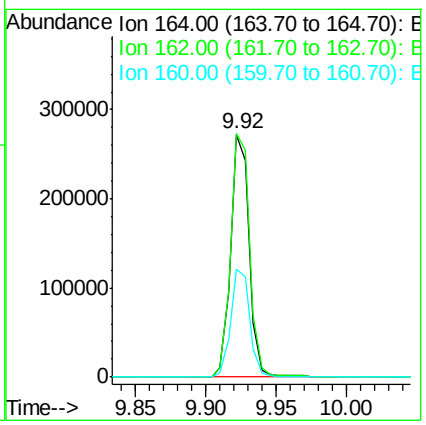


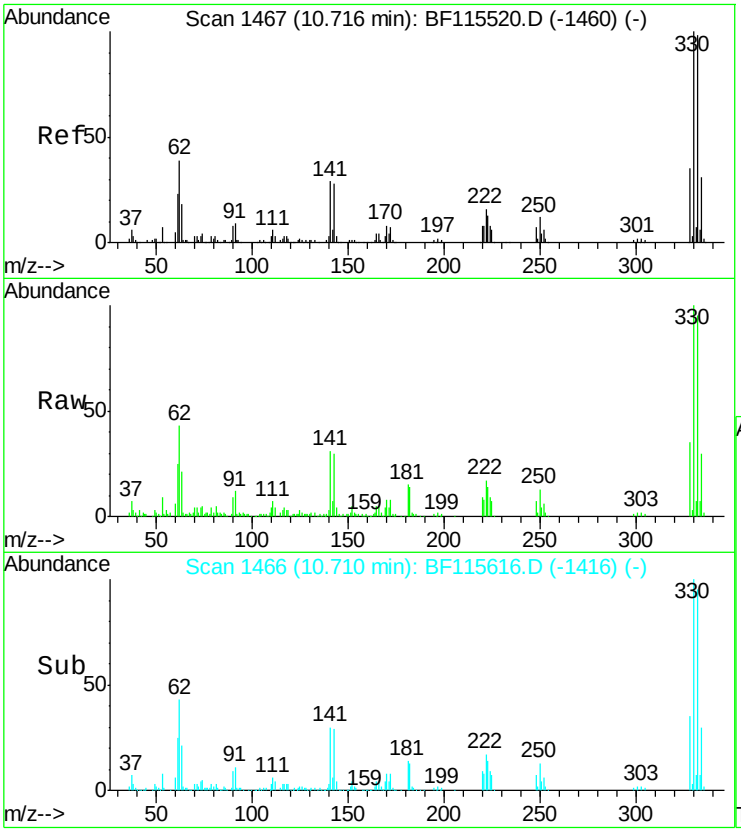


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:164 Resp: 248780

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.9	124.3
160	44.2	36.8	55.2



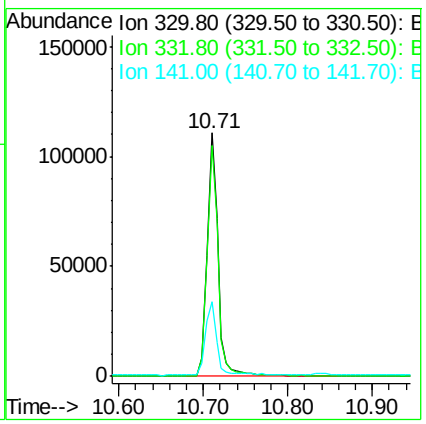


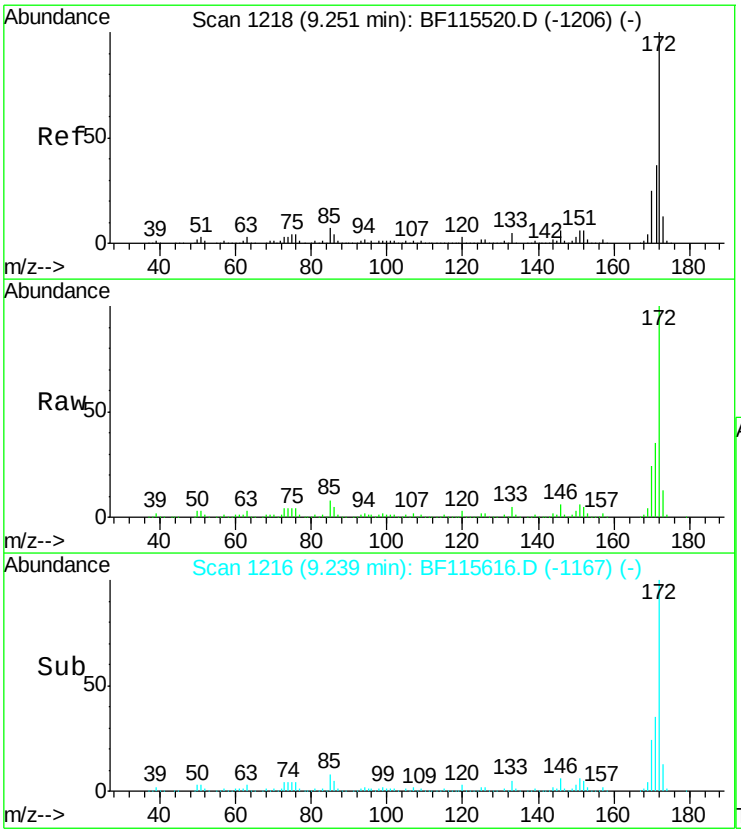
#42
2,4,6-Tribromophenol
Concen: 34.966 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 101537

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	31.0	22.4	33.6

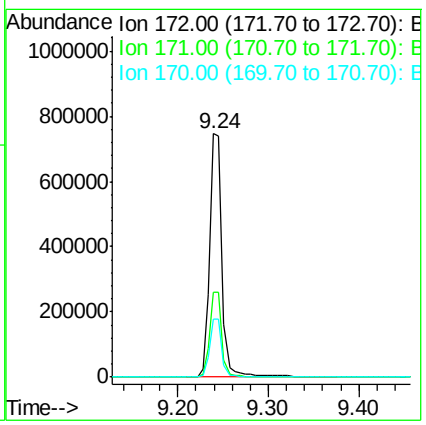


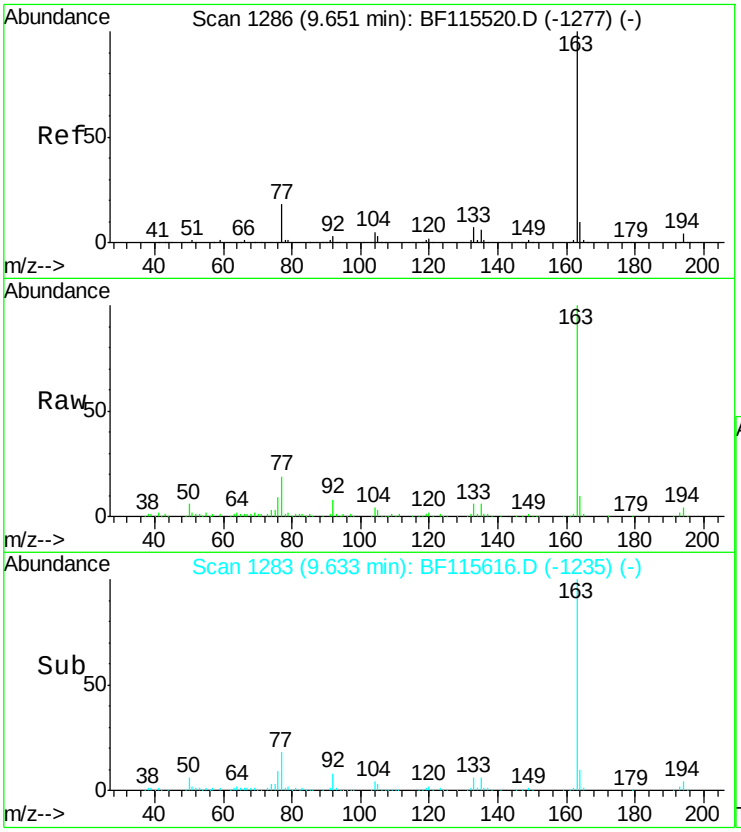


#45
2-Fluorobiphenyl
Concen: 51.061 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:172 Resp: 725765

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.6	46.0
170	23.6	20.5	30.7



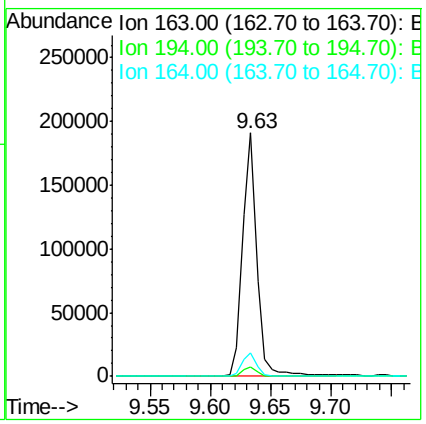


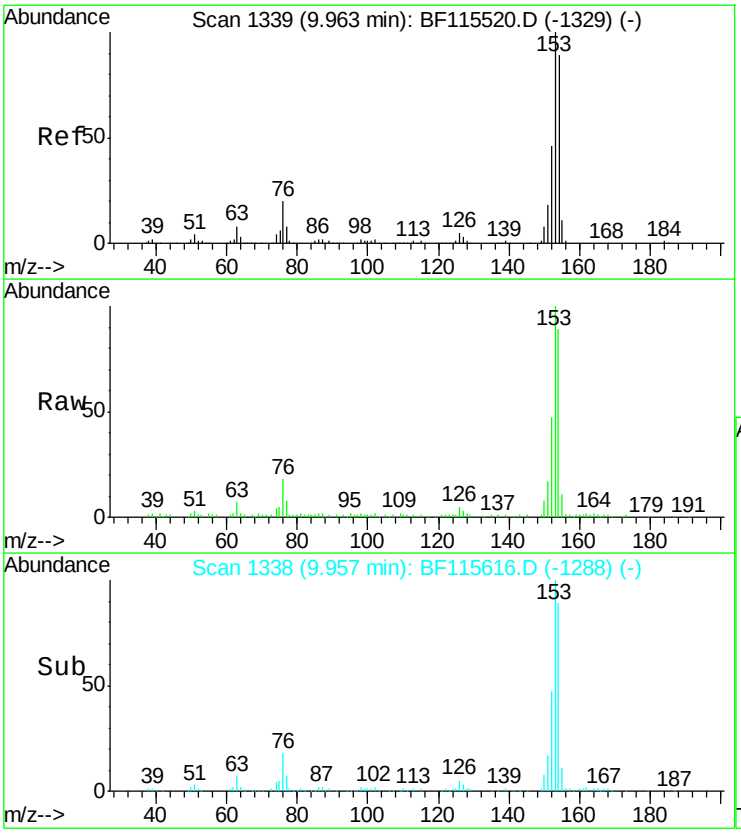
#50
Dimethylphthalate
Concen: 8.572 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 160452

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.6	8.7	13.1

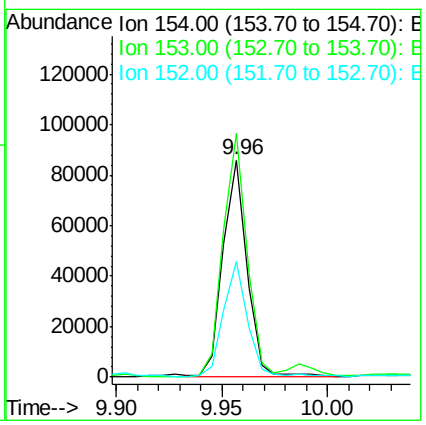


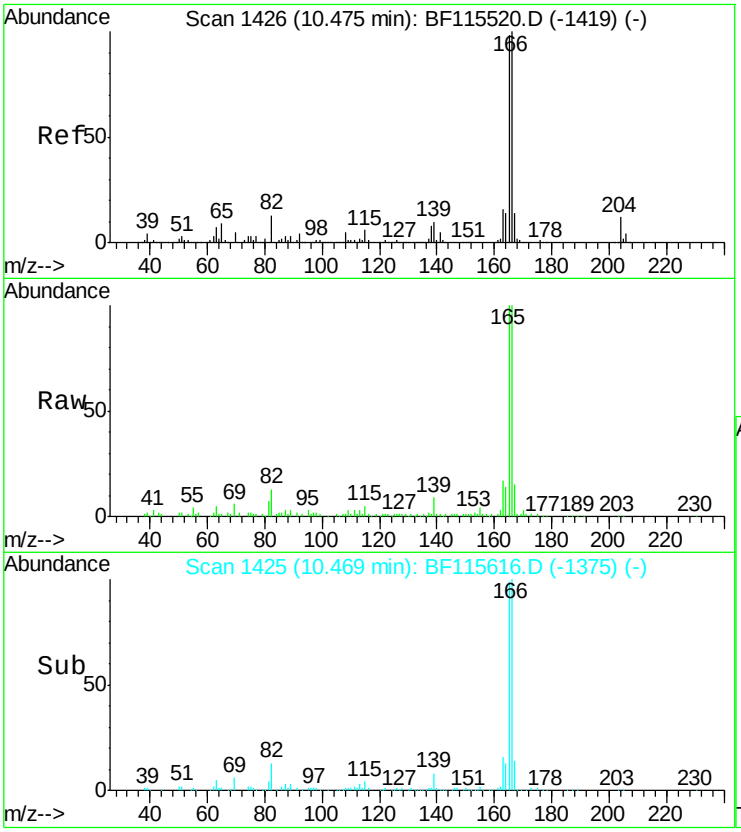


#52
Acenaphthene
Concen: 4.285 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:154 Resp: 66385

Ion	Ratio	Lower	Upper
154	100		
153	112.1	88.6	133.0
152	53.2	42.3	63.5



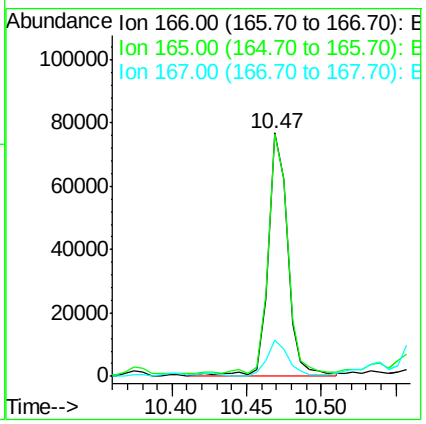


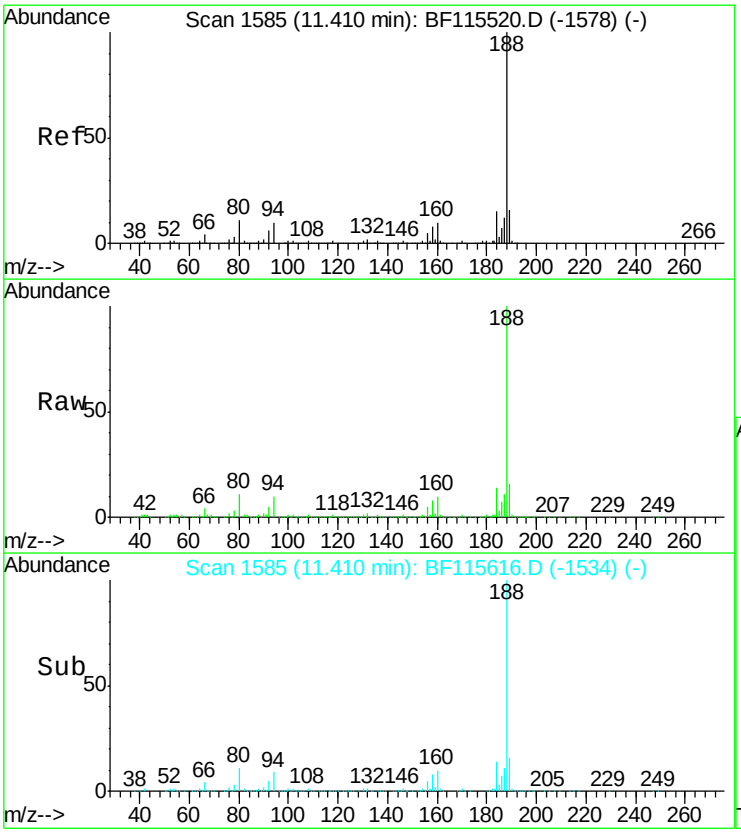
#58
Fluorene
Concen: 4.346 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 68351

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.6
167	14.8	11.2	16.8

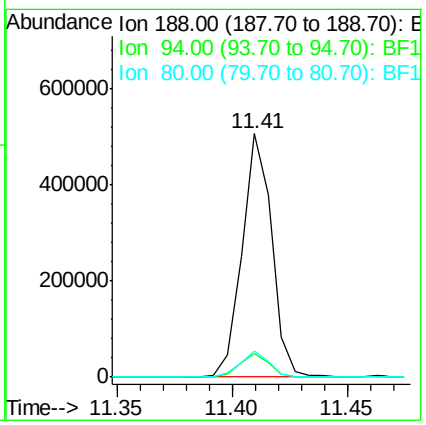


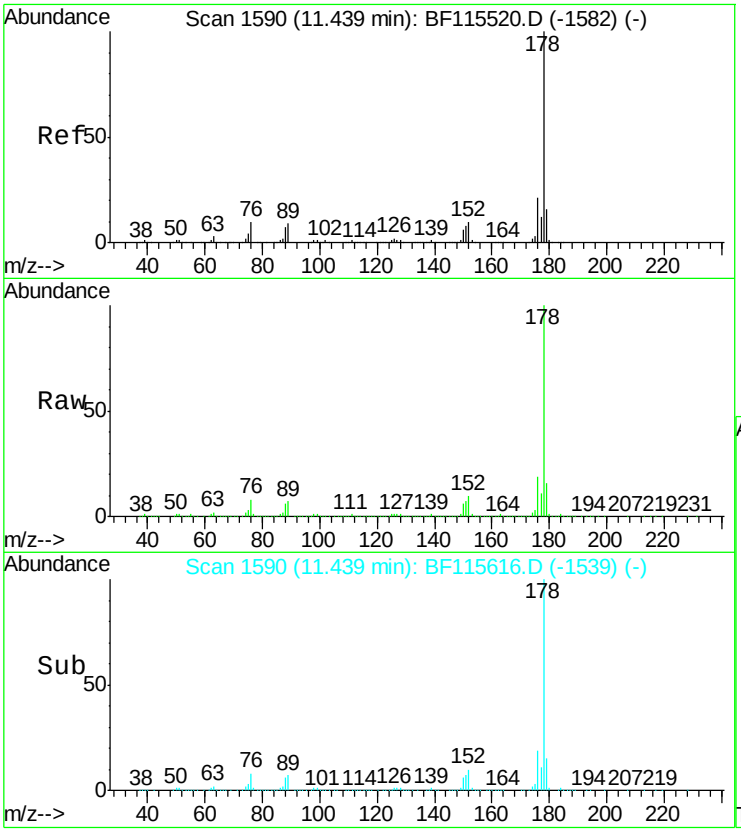


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:188 Resp: 454589

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	10.8	8.6	13.0



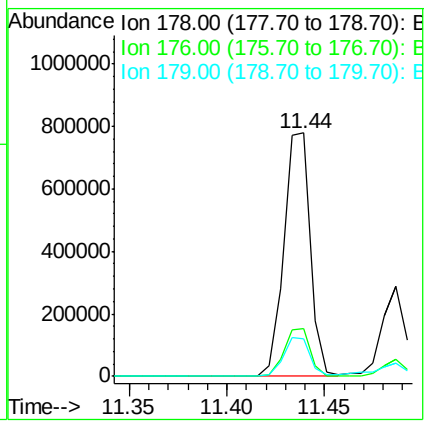


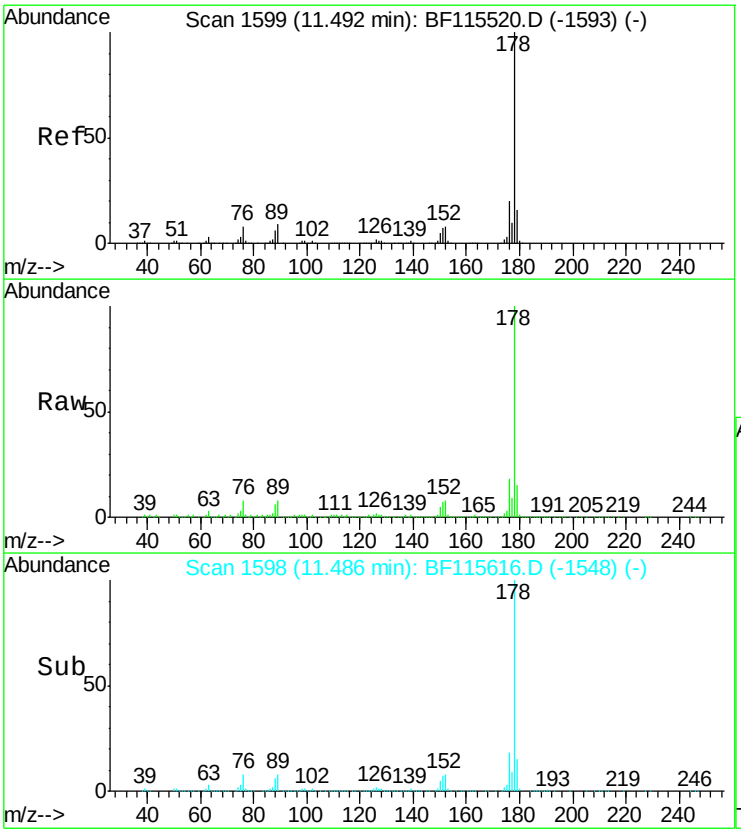
#71
Phenanthrene
Concen: 31.290 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 729113

Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.2	25.8
179	15.6	13.5	20.3

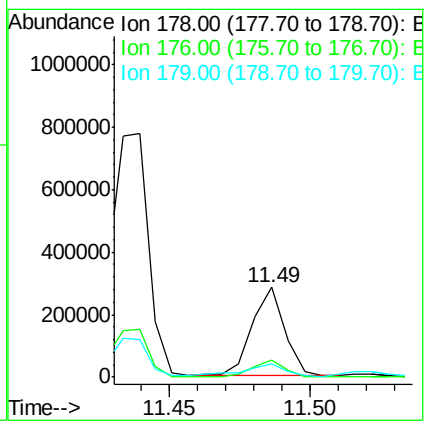


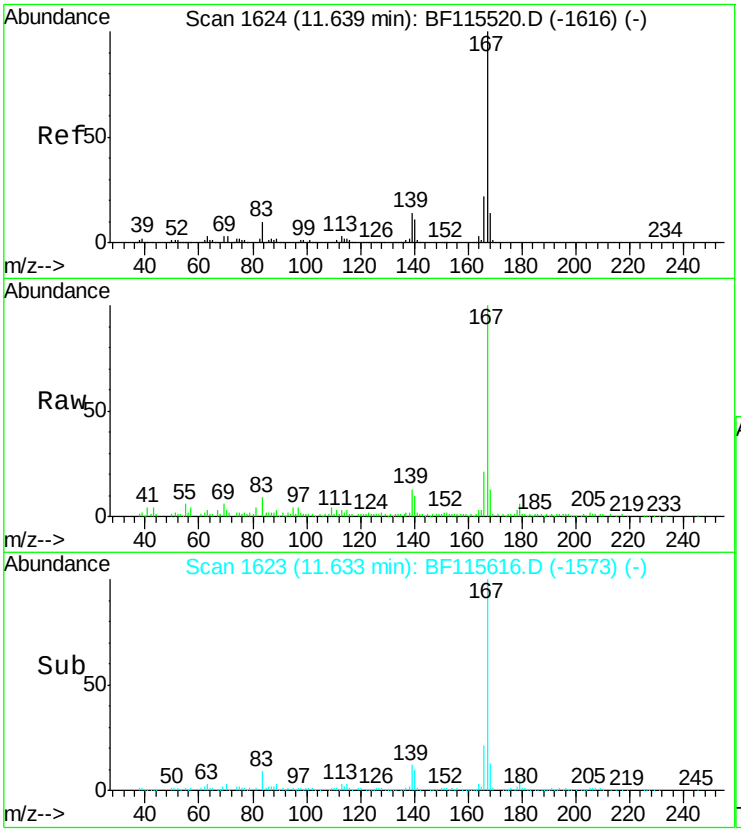


#72
Anthracene
Concen: 9.338 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:178 Resp: 224883

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	14.8	12.7	19.1



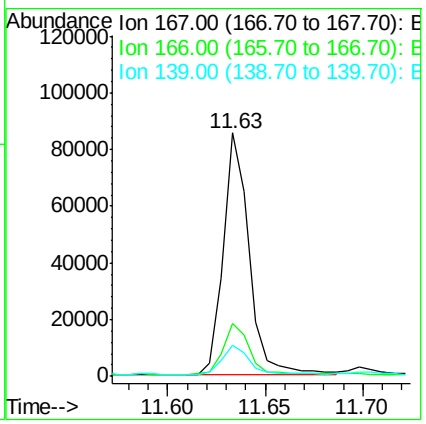


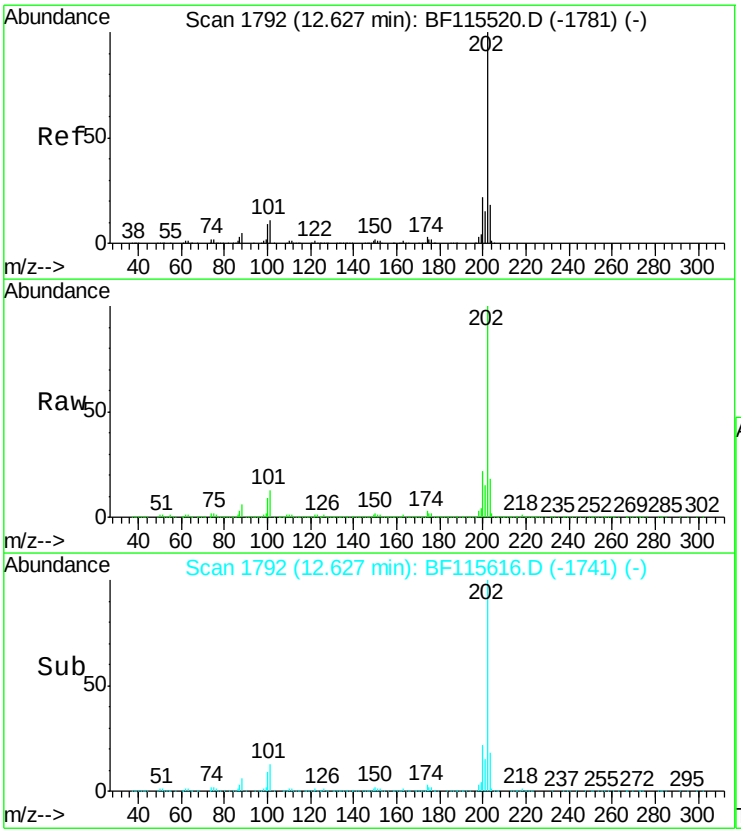
#73
Carbazole
Concen: 3.719 ng
RT: 11.63 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 78539

Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	12.8	11.3	16.9

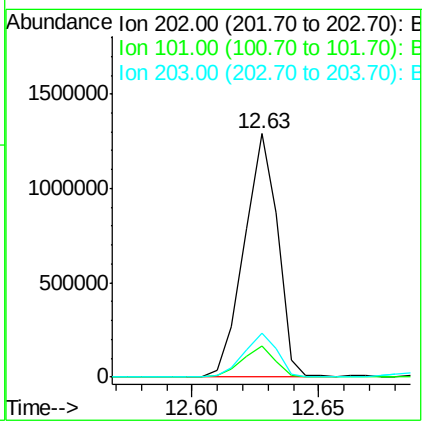


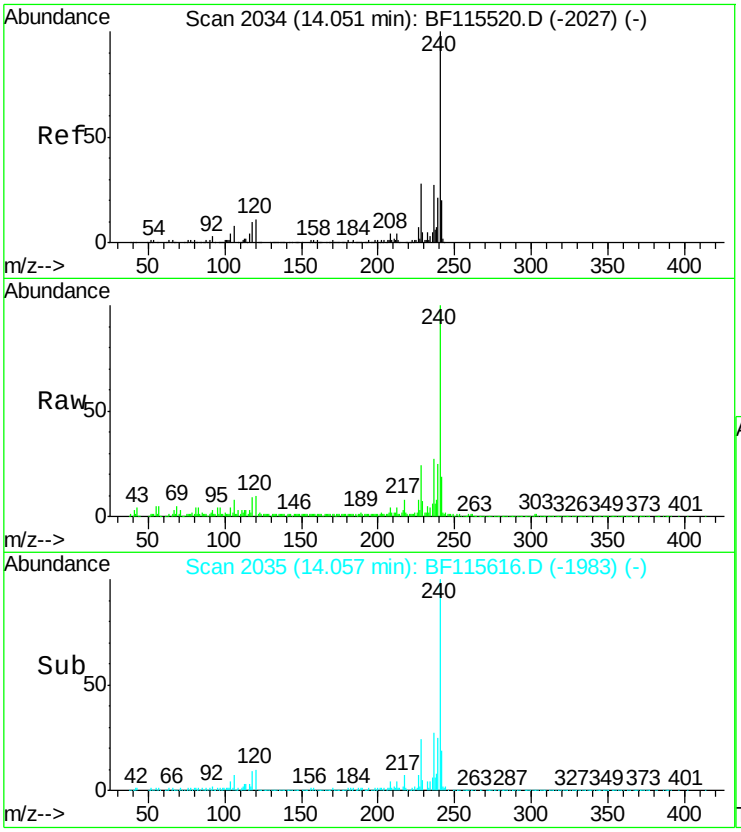


#75
Fluoranthene
Concen: 48.094 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:202 Resp: 1184265

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.4
203	18.2	0.0	38.1



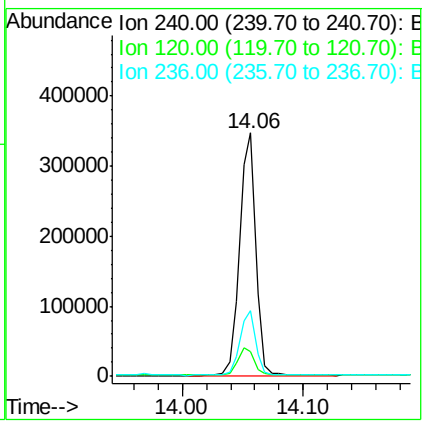


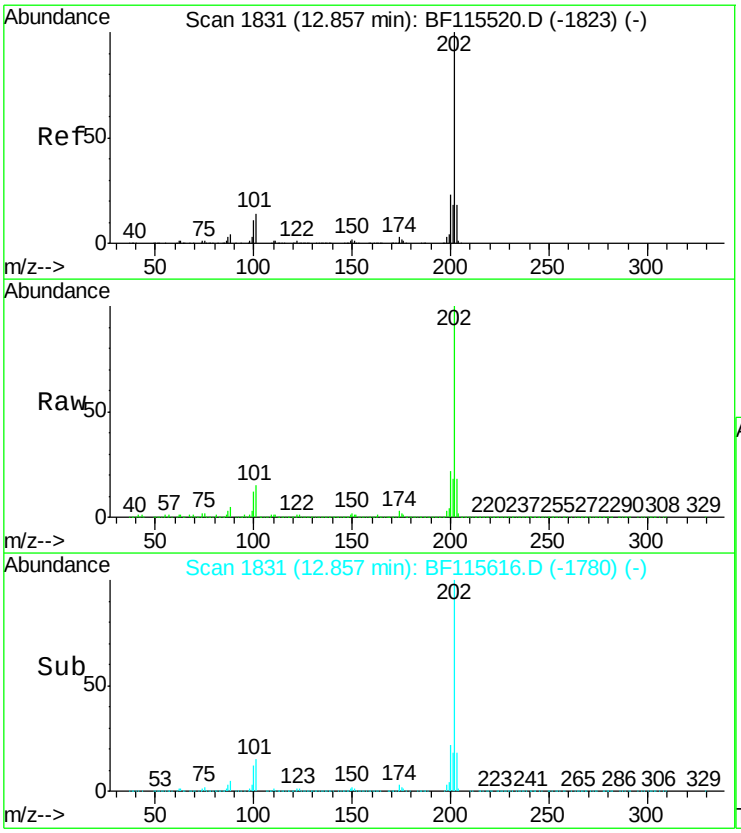
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 325512

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	13.0
236	27.2	21.3	31.9

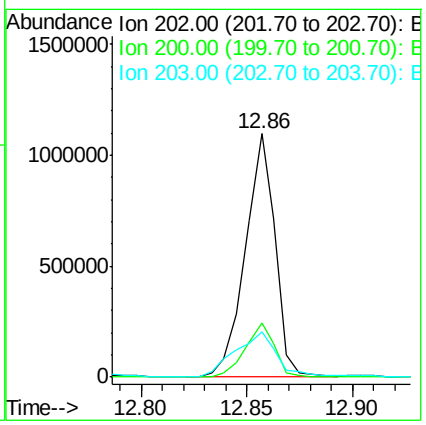


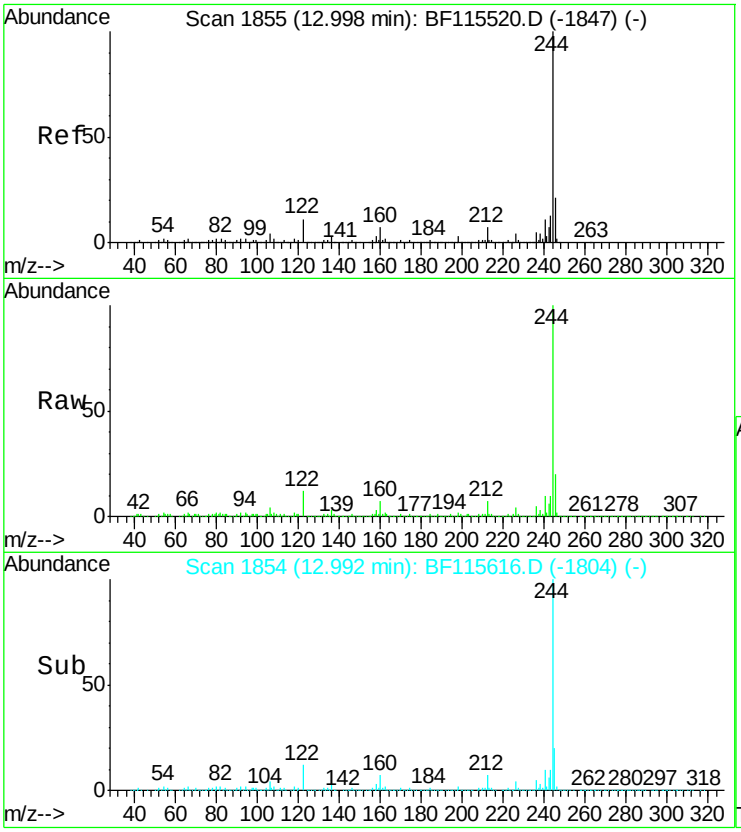


#78
Pyrene
Concen: 38.758 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:202 Resp: 1068903

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



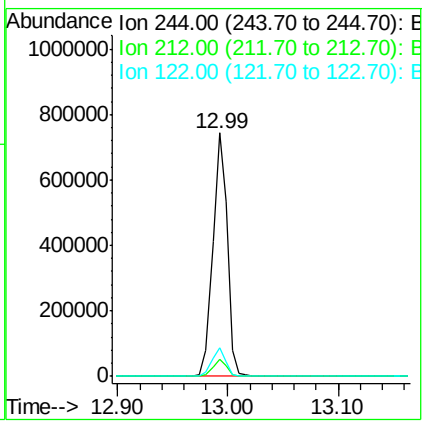


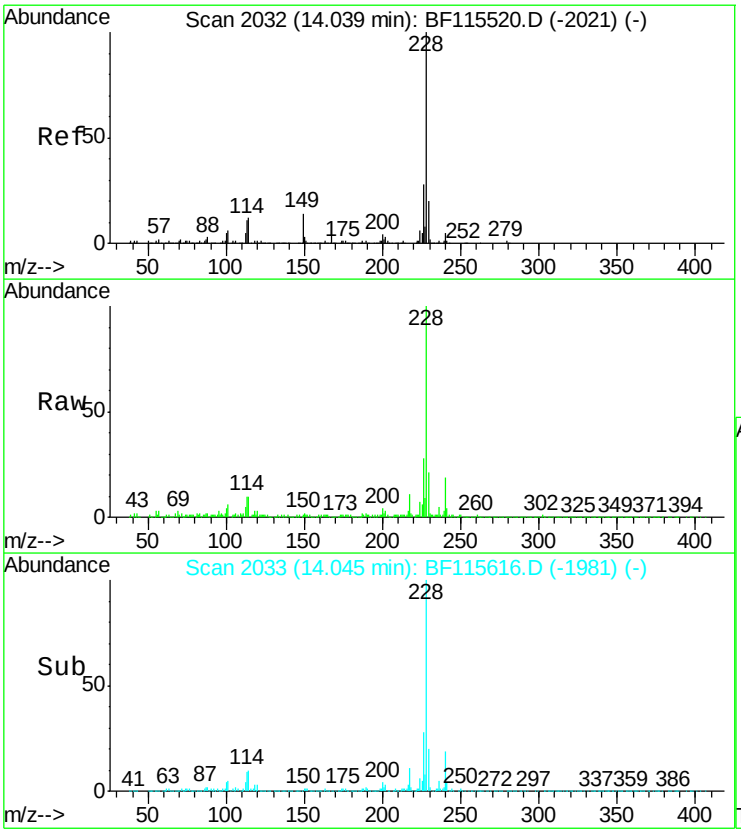
#79
Terphenyl-d14
Concen: 37.610 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 663484

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	11.7	8.6	12.8

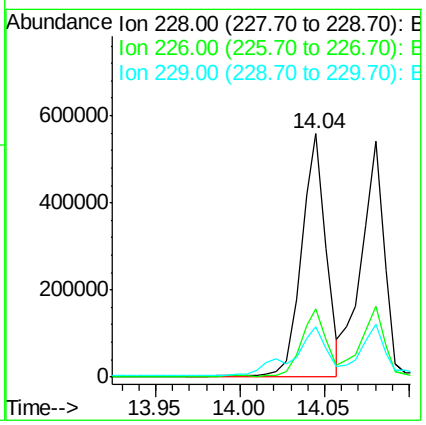


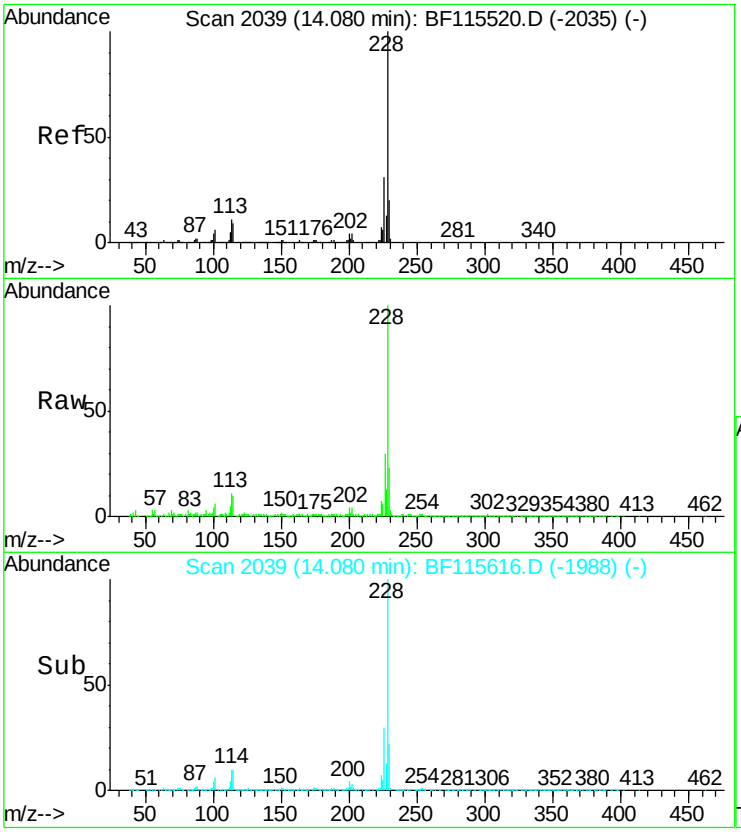


#81
Benzo(a)anthracene
Concen: 26.184 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:228 Resp: 561516

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.0
229	20.8	17.2	25.8



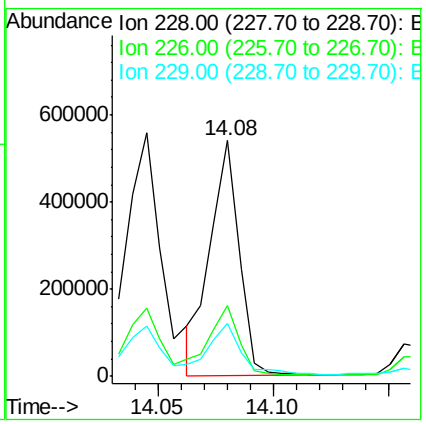


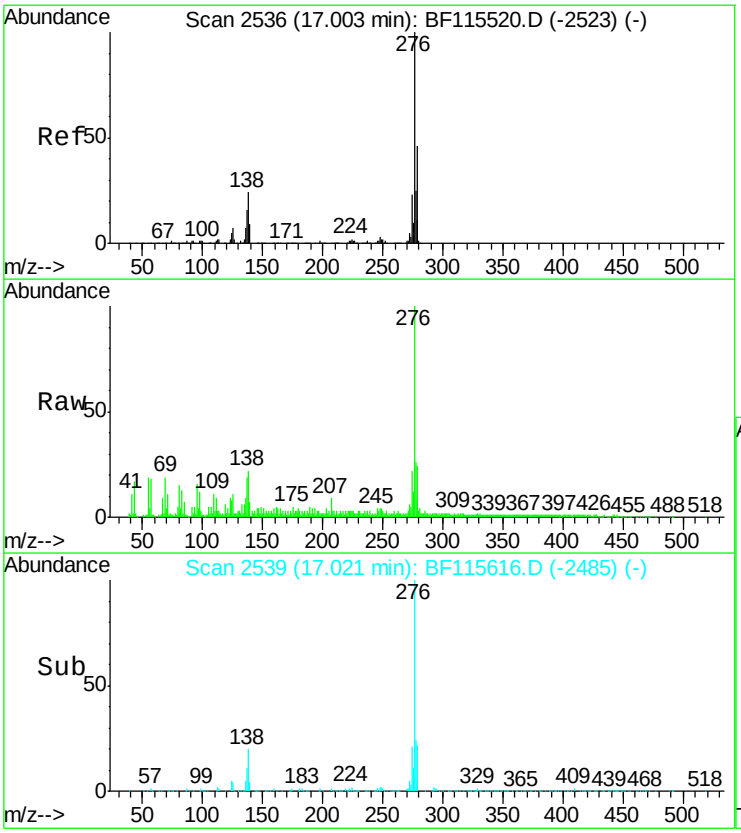
#83
Chrysene
Concen: 21.868 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 470760

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.7	38.5
229	22.7	16.6	25.0

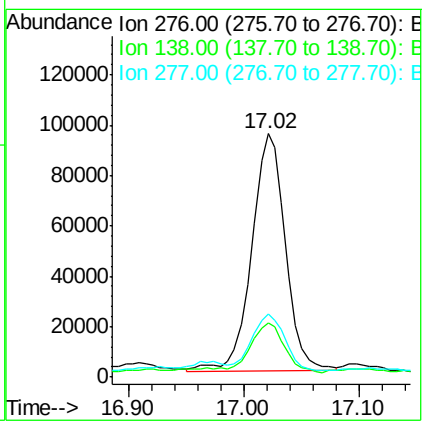


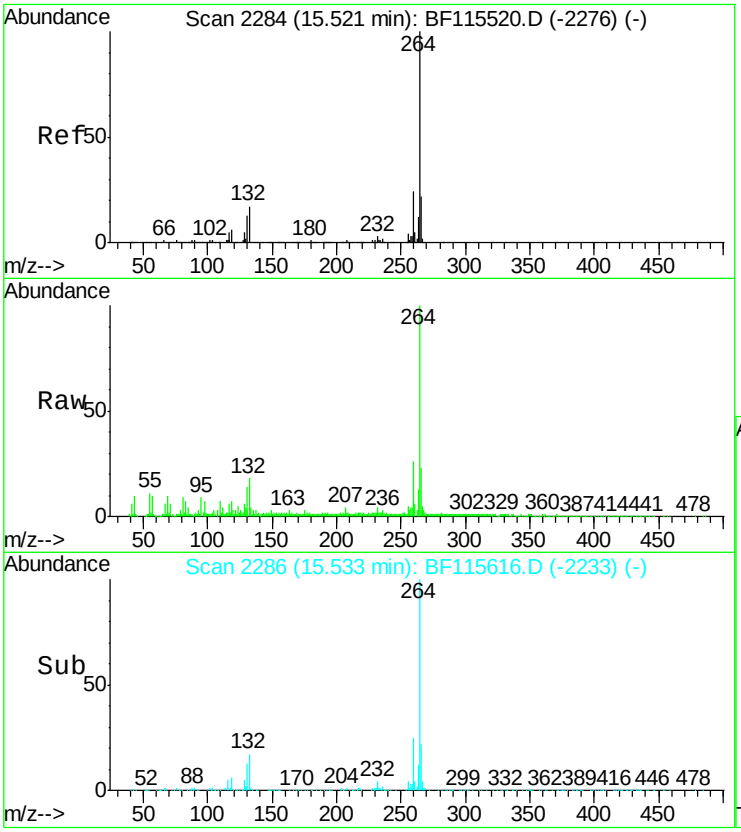


#86
Indeno(1,2,3-cd)pyrene
Concen: 10.396 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.02 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:276 Resp: 190141

Ion	Ratio	Lower	Upper
276	100		
138	20.6	20.2	30.2
277	23.6	20.4	30.6



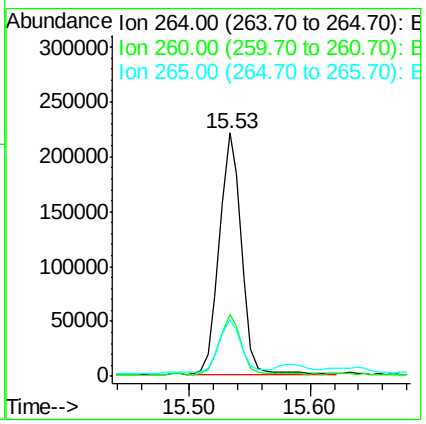


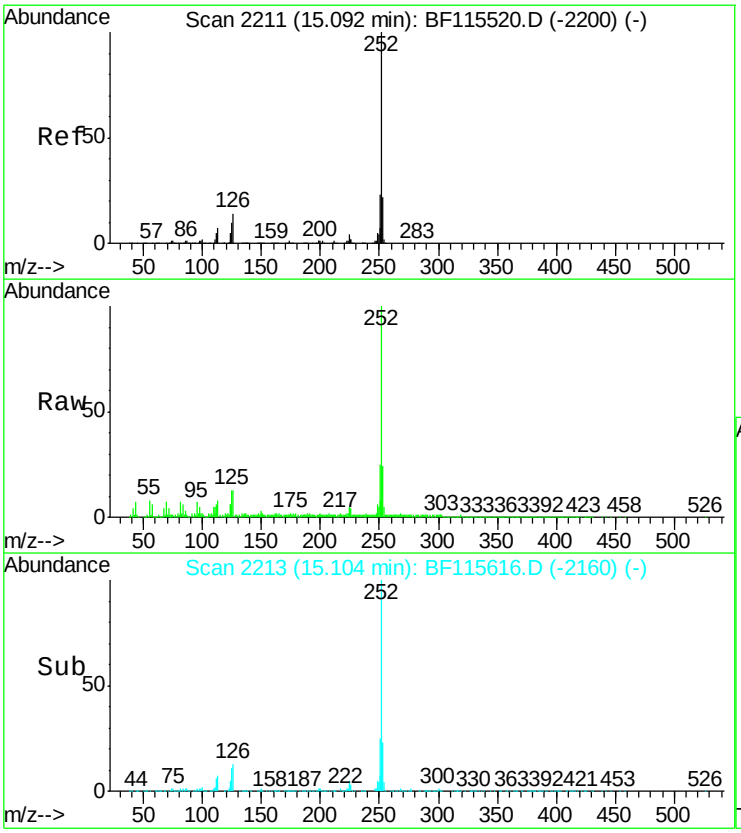
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 276074

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.8	29.8
265	23.4	17.7	26.5

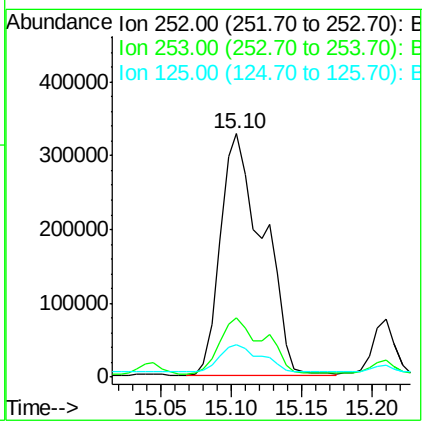


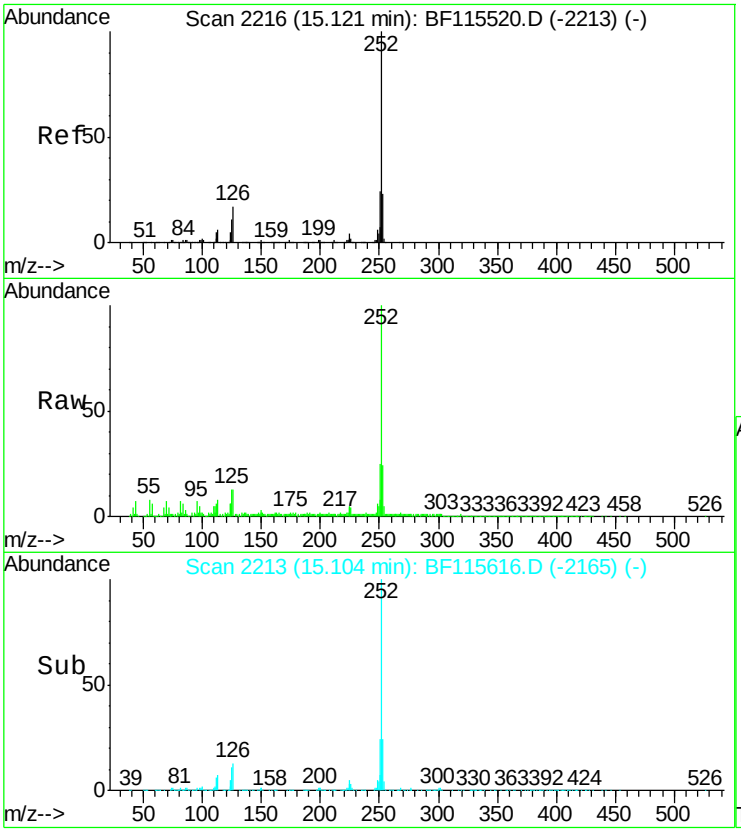


#88
Benzo(b)fluoranthene
Concen: 38.882 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:252 Resp: 691196

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	13.3	9.0	13.4



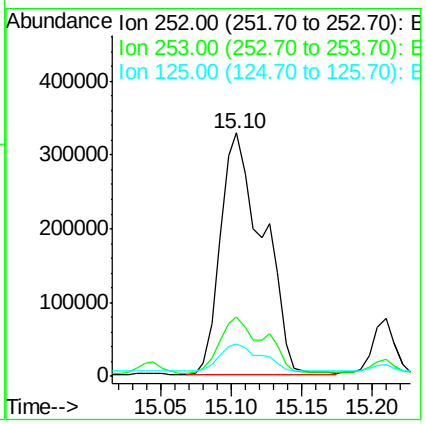


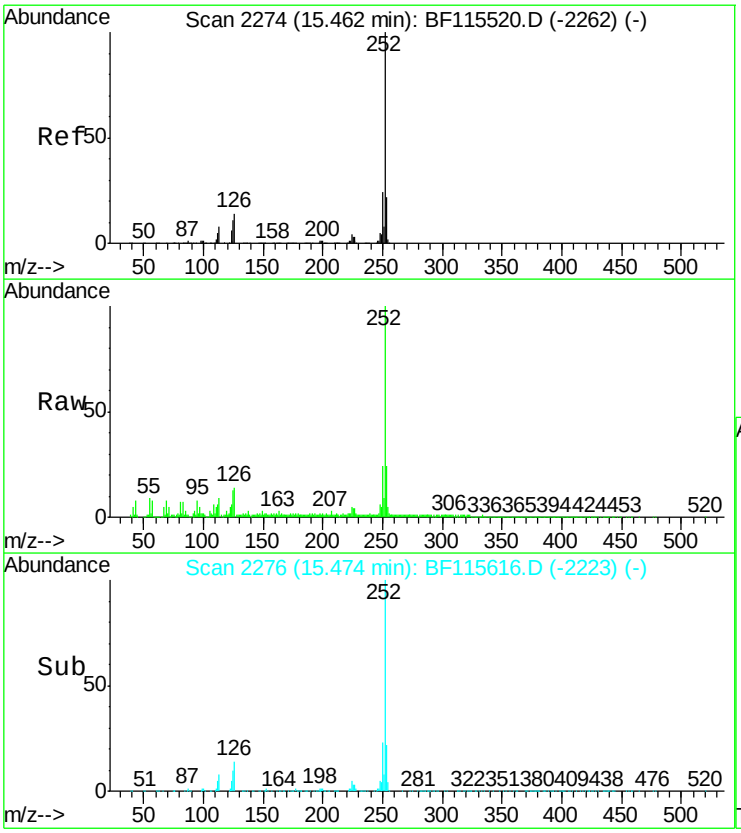
#89
Benzo(k)fluoranthene
Concen: 43.611 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 691196

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.6	28.0
125	13.3	9.0	13.6

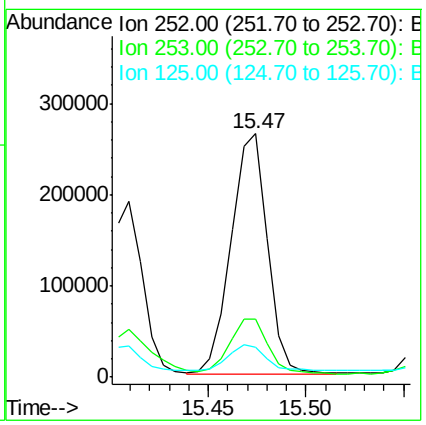


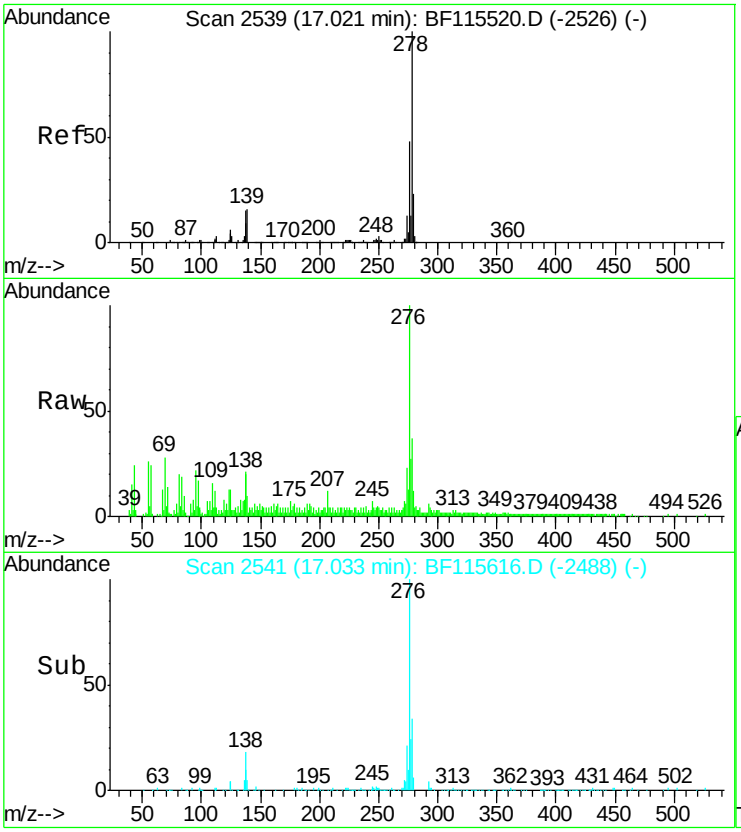


#90
Benzo(a)pyrene
Concen: 22.417 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:252 Resp: 342511

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	12.5	9.1	13.7



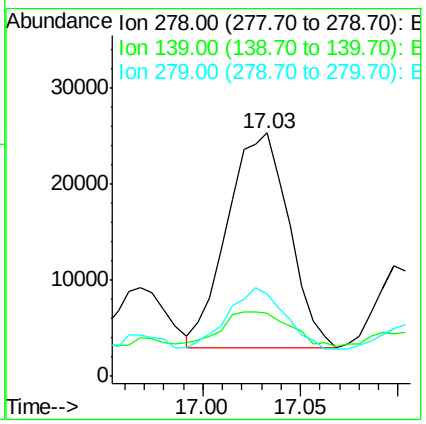


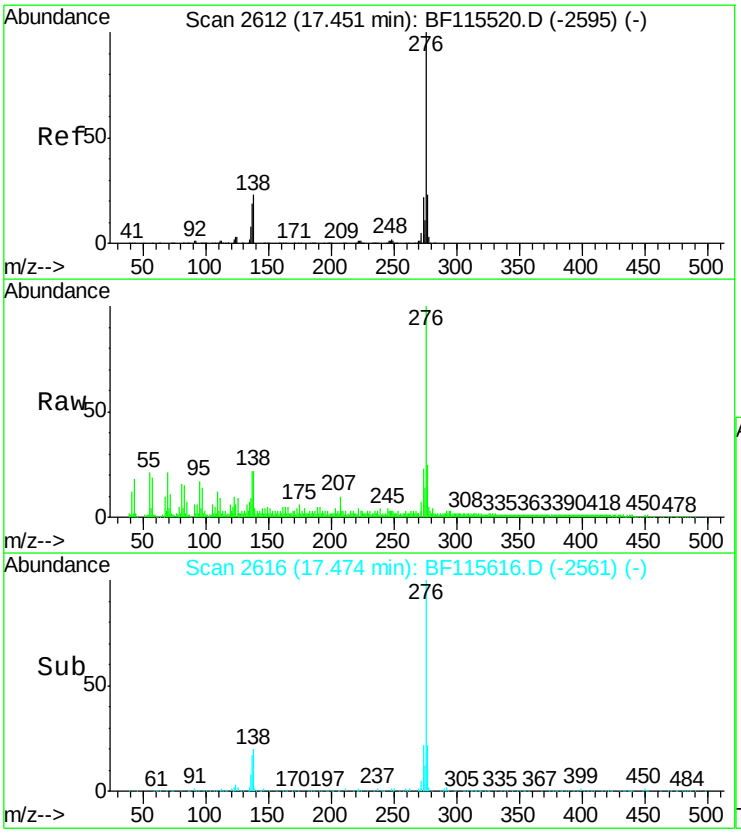
#91
Dibenzo(a,h)anthracene
Concen: 3.632 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 48720

Ion	Ratio	Lower	Upper
278	100		
139	26.2	13.1	19.7#
279	34.1	19.6	29.4#





#92
Benzo(g,h,i)perylene
Concen: 13.469 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.02 min
Lab File: BF115616.D
Acq: 16 Jul 2019 23:44

Tgt Ion:276 Resp: 180180

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.0	28.4
138	22.4	17.2	25.8