Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116681.D
Acq On : 31 Aug 2019 5:34
Operator : HP/JU
Sample : K4543-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 31 11:16:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101496	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	404036	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	205503	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	316168	20.00	ng		0.00
76) Chrysene-d12	14.00	240	192072	20.00	ng		0.00
87) Perylene-d12	15.45	264	230943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	616606	98.42	ng		0.00
7) Phenol-d6	6.47	99	829363	100.81	ng		0.00
23) Nitrobenzene-d5	7.40	82	510092	72.07	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	138581	100.87	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	756504	62.10	ng		0.00
79) Terphenyl-d14	12.94	244	563846	54.31	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	62299	6.839	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	68304	12.610	ng	#	72
25) Isophorone	7.40	82	508274	35.441	ng	#	66
38) 1-Methylnaphthalene	8.94	142	32045	2.656	ng		100
49) Acenaphthylene	9.74	152	48549	2.600	ng		98
50) Dimethylphthalate	9.59	163	143780	10.134	ng		99
52) Acenaphthene	9.91	154	109517	9.547	ng		99
55) Dibenzofuran	10.08	168	99008	6.122	ng	#	94
56) 4-Nitrophenol	10.08	139	39400	16.939	ng	#	3
58) Fluorene	10.43	166	156814	12.726	ng		98
65) 4,6-Dinitro-2-methylphenol	10.67	198	298	7.667	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	9492	2.955	ng	#	1
71) Phenanthrene	11.39	178	1552153	88.191	ng		98
72) Anthracene	11.44	178	406540	22.947	ng		99
73) Carbazole	11.59	167	78692	4.663	ng		99
75) Fluoranthene	12.58	202	1580253	91.363	ng		97
78) Pyrene	12.81	202	1273482	74.586	ng		98
81) Benzo(a)anthracene	13.99	228	570004	46.890	ng		98
83) Chrysene	14.02	228	476642	38.059	ng		97
86) Indeno(1,2,3-cd)pyrene	16.90	276	221333	22.003	ng		97
88) Benzo(b)fluoranthene	15.03	252	763982	54.717	ng	#	95
89) Benzo(k)fluoranthene	15.03	252	763982	60.011	ng	#	96
90) Benzo(a)pyrene	15.39	252	403319	33.202	ng		96
91) Dibenzo(a,h)anthracene	16.90	278	54631	5.138	ng	#	83
92) Benzo(g,h,i)perylene	17.33	276	179952	16.594	ng	#	95

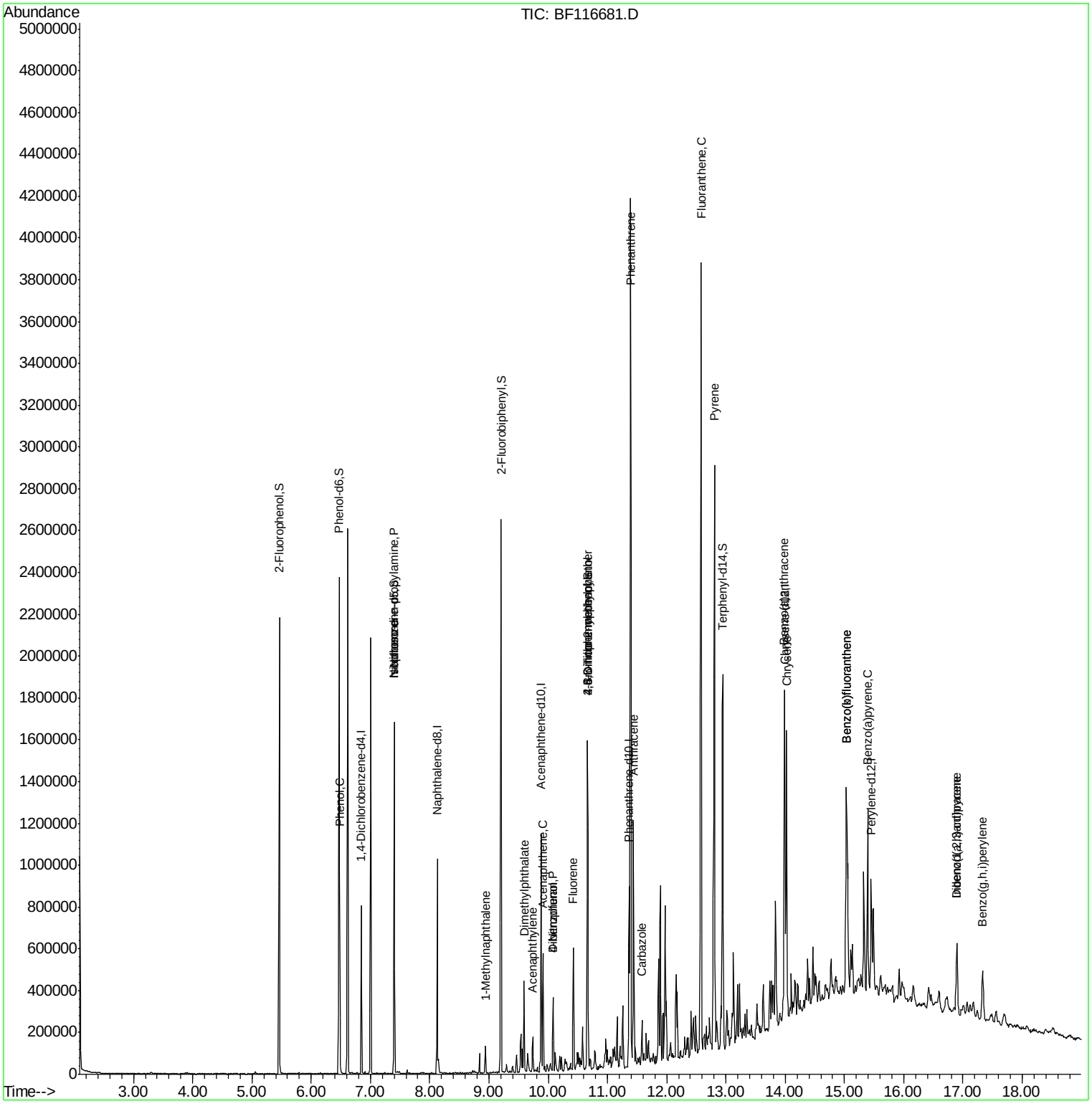
(#) = qualifier out of range (m) = manual integration (+) = signals summed

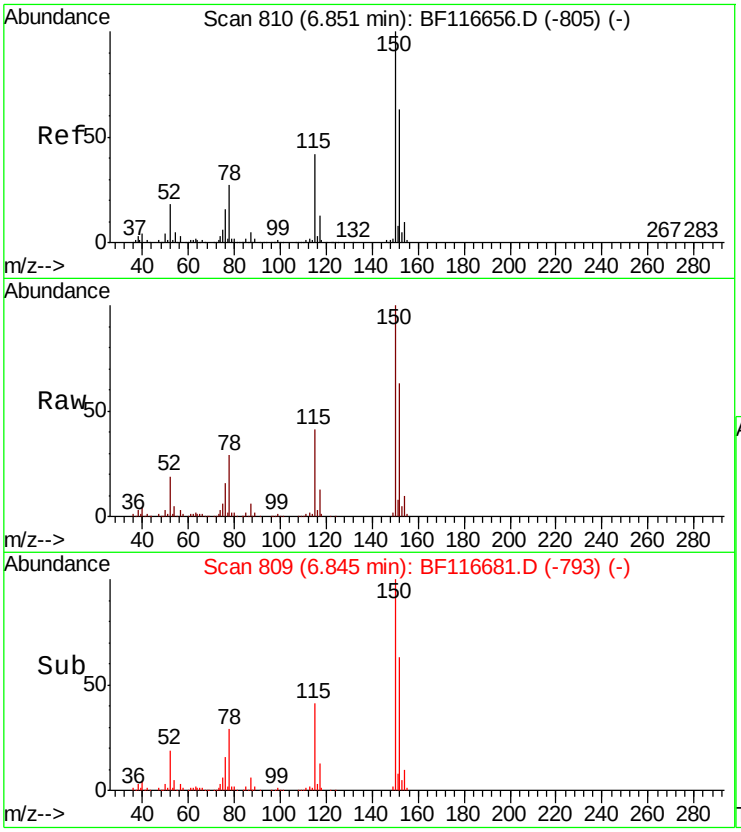
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116681.D
Acq On : 31 Aug 2019 5:34
Operator : HP/JU
Sample : K4543-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 31 11:16:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

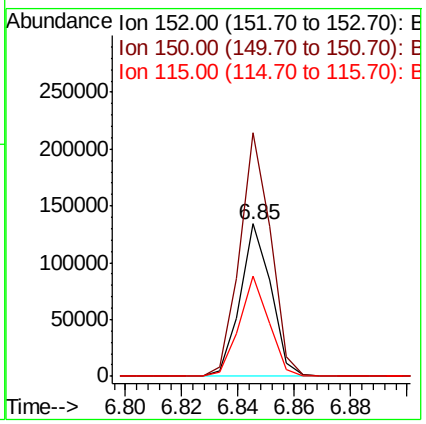




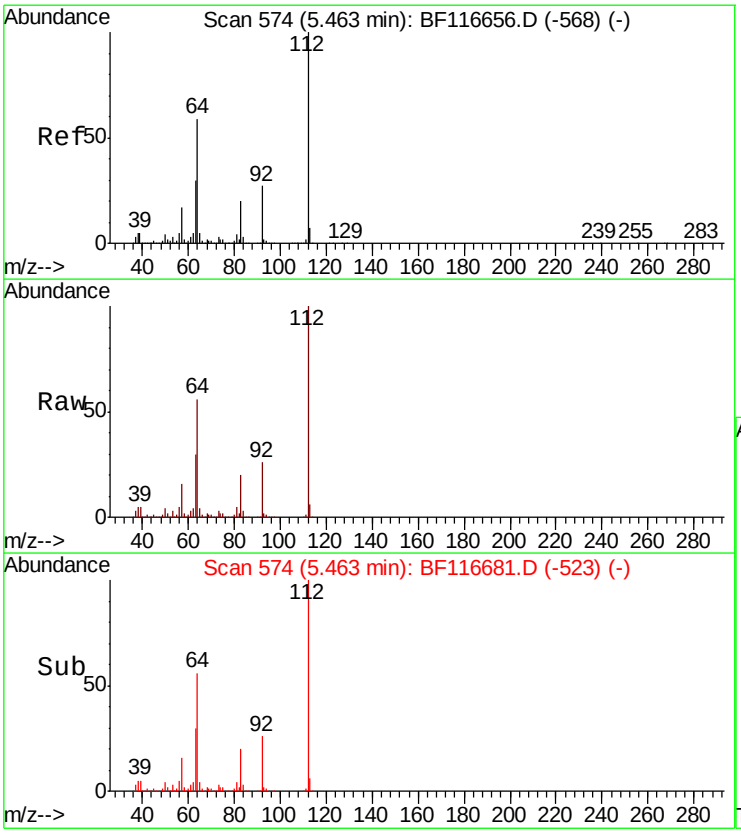
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:152 Resp: 101496

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.4	186.6
115	65.5	49.9	74.9



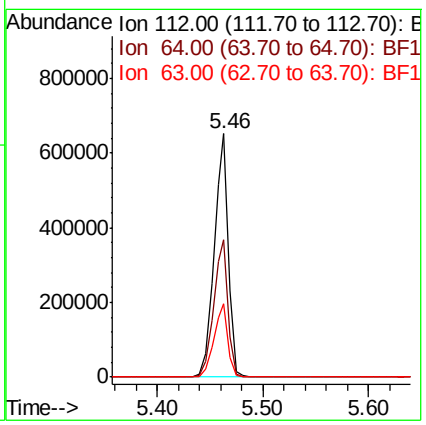
Instrument :
BNA_F
ClientSampleId :

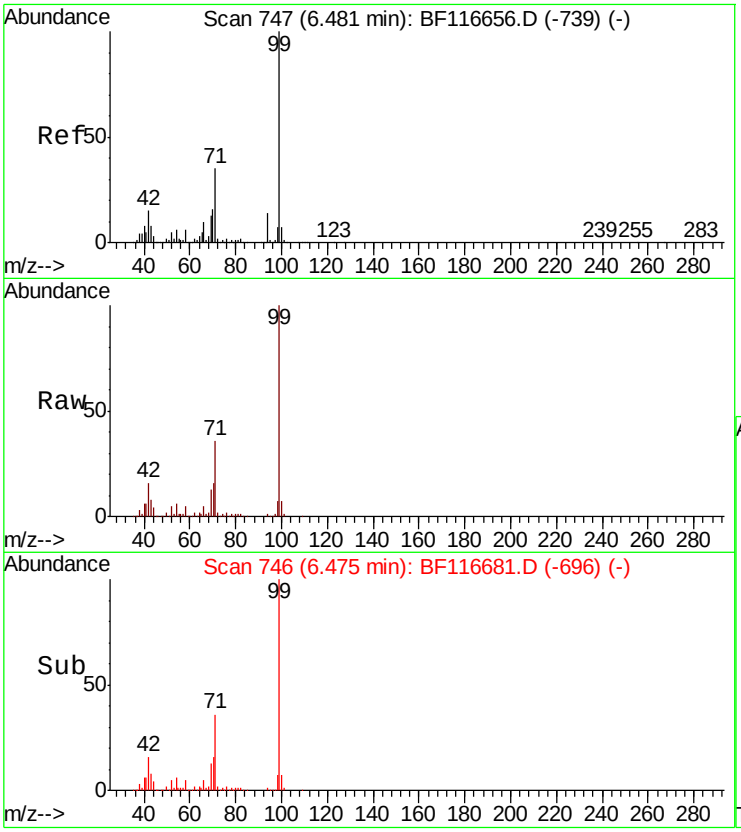


#5
2-Fluorophenol
Concen: 98.421 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:112 Resp: 616606

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.1	70.7
63	30.1	24.9	37.3



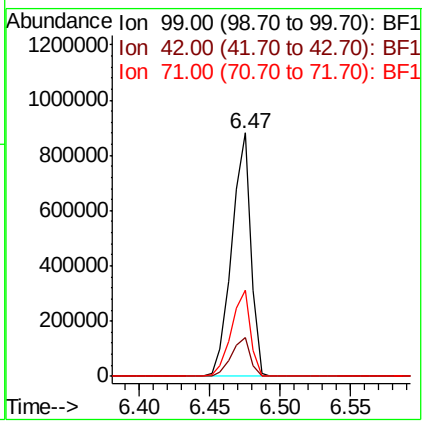


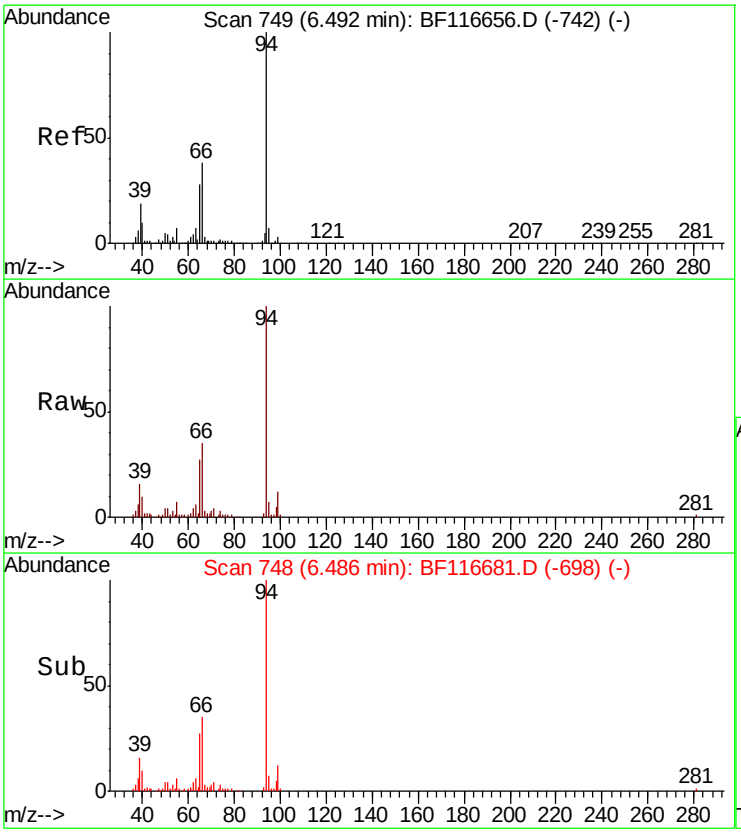
#7
Phenol-d6
Concen: 100.815 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 829363

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.7	20.5
71	35.6	30.8	46.2

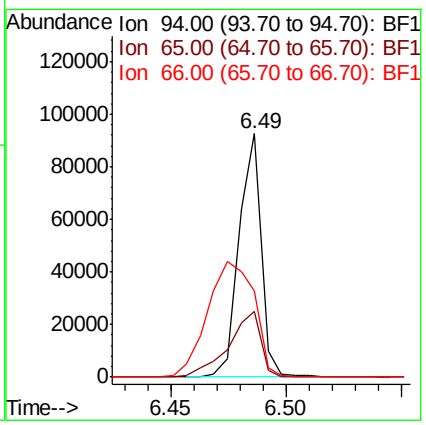


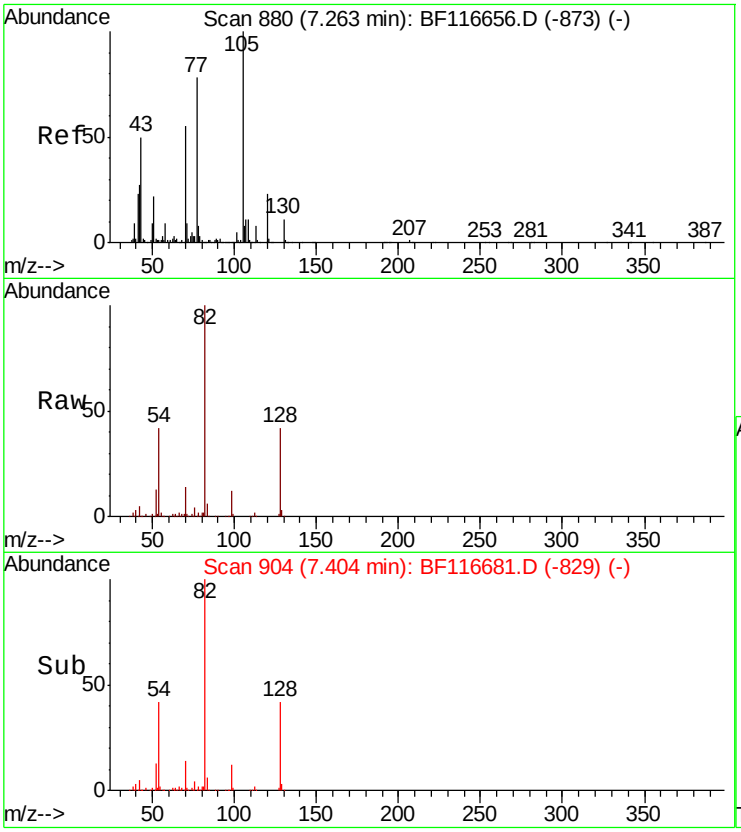


#10
Phenol
Concen: 6.839 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion: 94 Resp: 62299

Ion	Ratio	Lower	Upper
94	100		
65	26.8	10.8	50.8
66	35.4	21.1	61.1



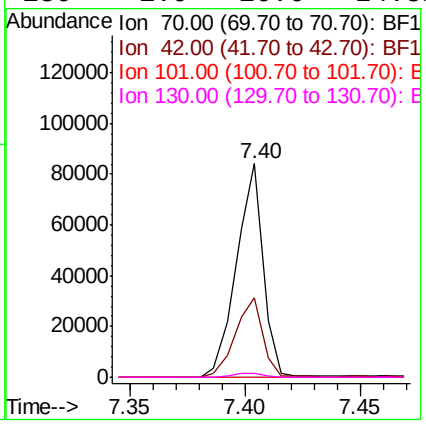


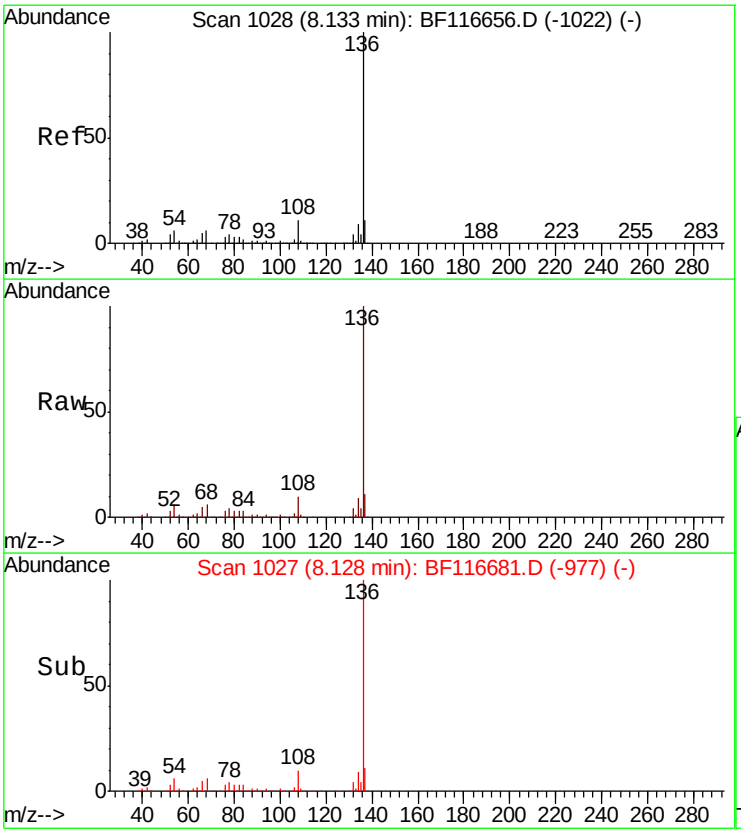
#19
n-Nitroso-di-n-propylamine
Concen: 12.610 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 68304

Ion	Ratio	Lower	Upper
70	100		
42	37.3	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#

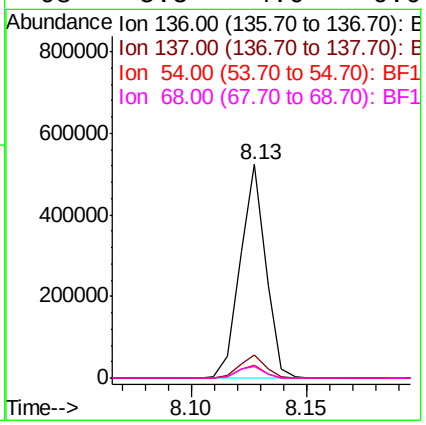


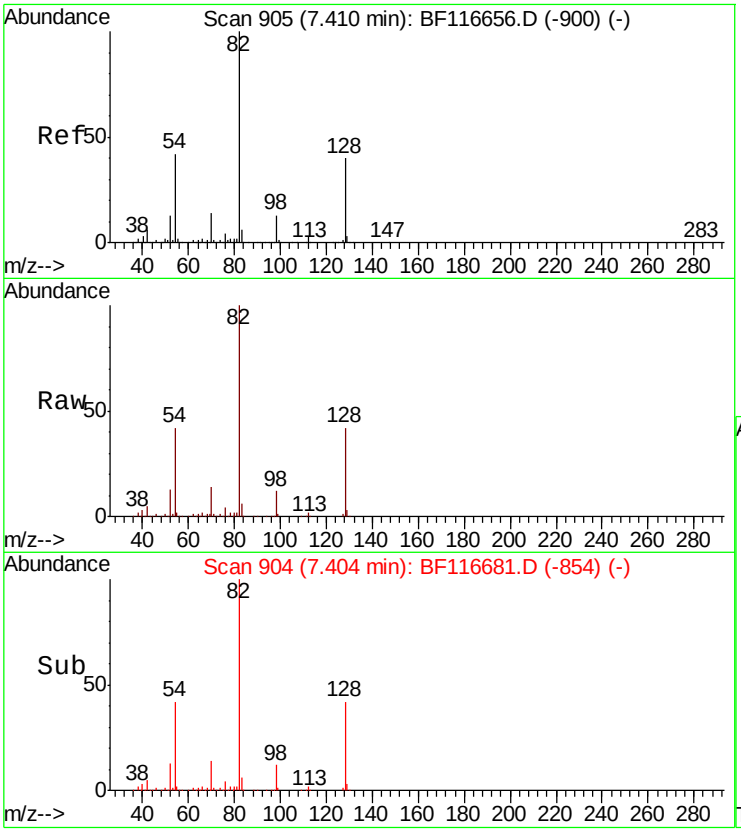


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:136 Resp: 404036

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.7	4.8	7.2
68	5.5	4.0	6.0



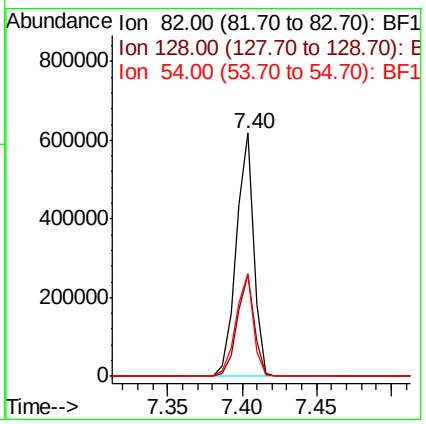


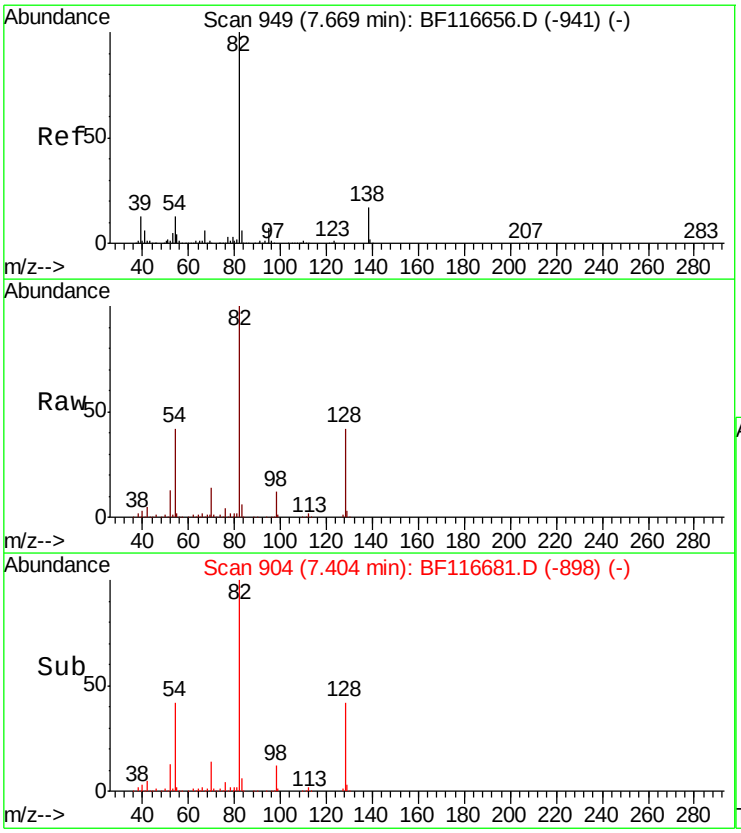
#23
Nitrobenzene-d5
Concen: 72.072 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 510092

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.8	49.2
54	42.0	36.9	55.3

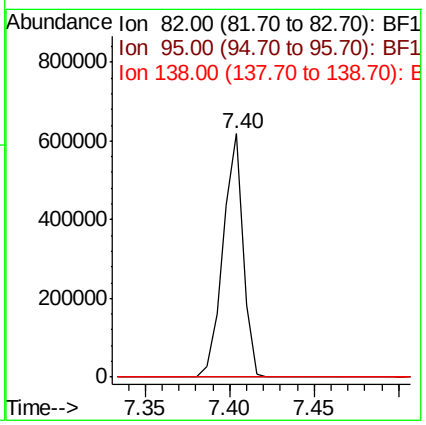


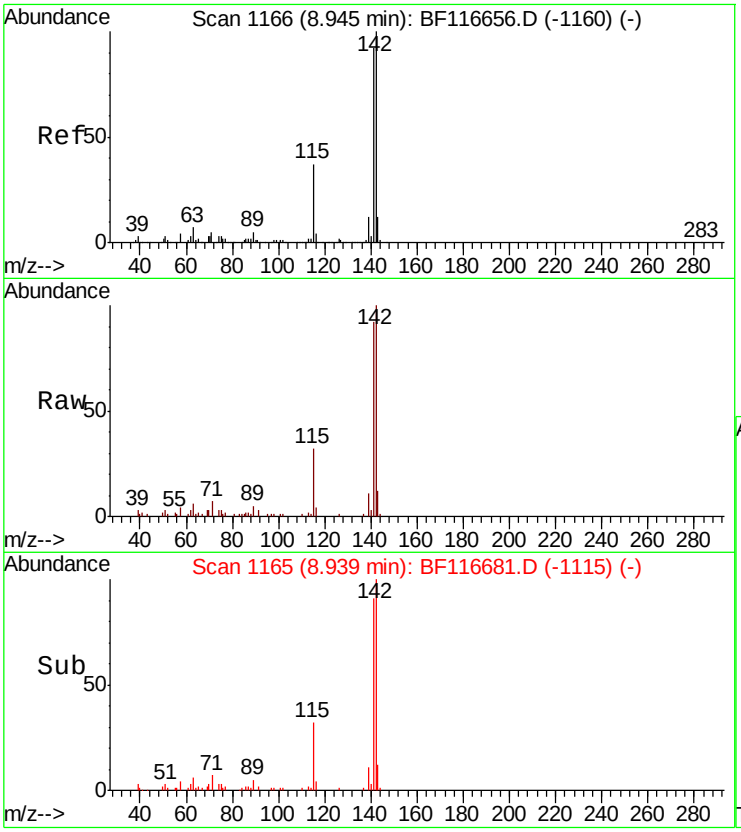


#25
Isophorone
Concen: 35.441 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion: 82 Resp: 508274

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



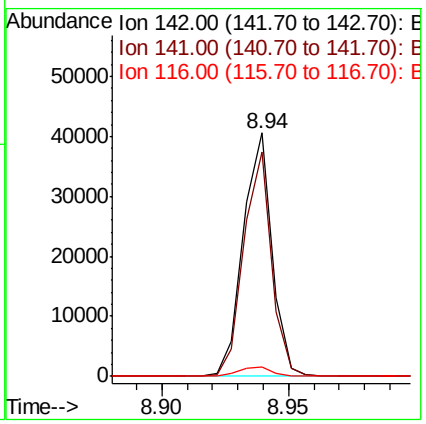


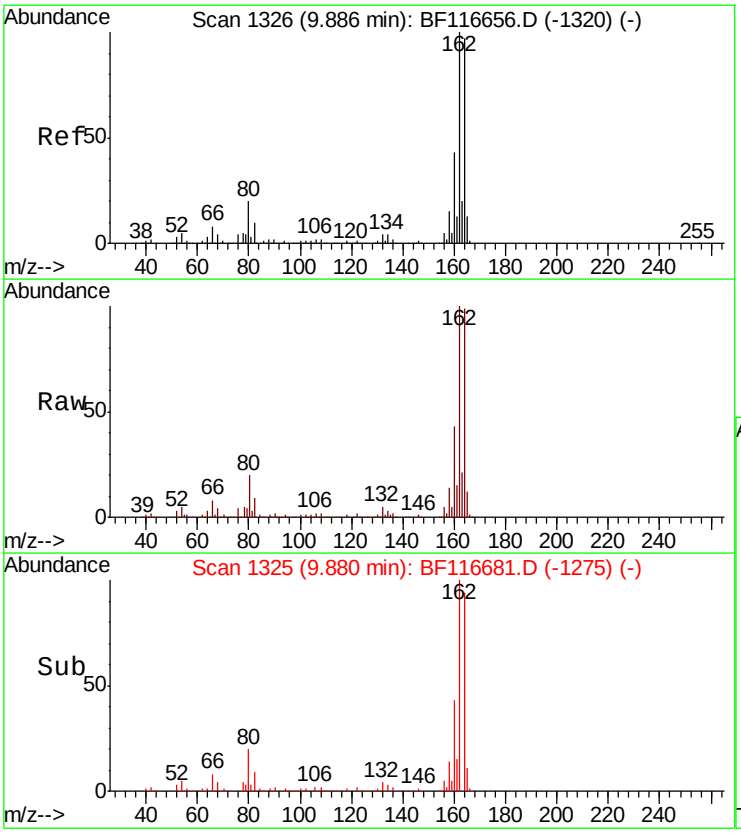
#38
1-Methylnaphthalene
Concen: 2.656 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 32045

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.9	110.9
116	3.9	3.0	4.6

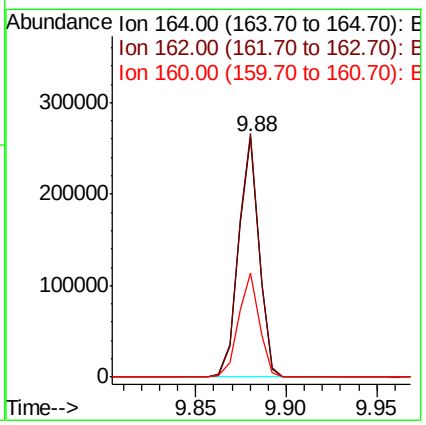


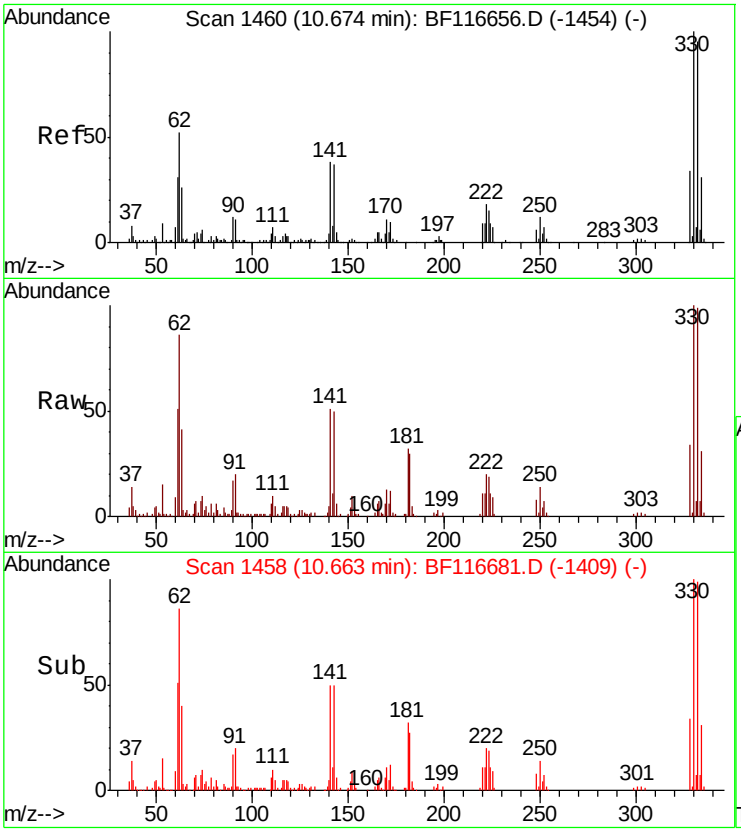


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:164 Resp: 205503

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	43.2	35.4	53.2



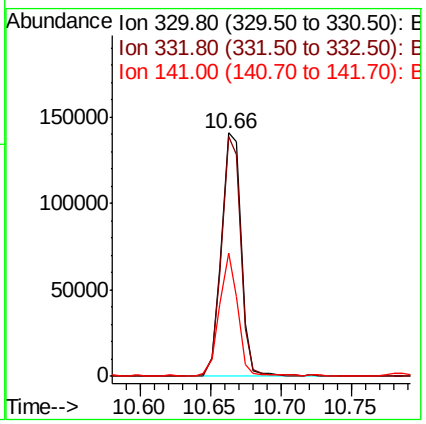


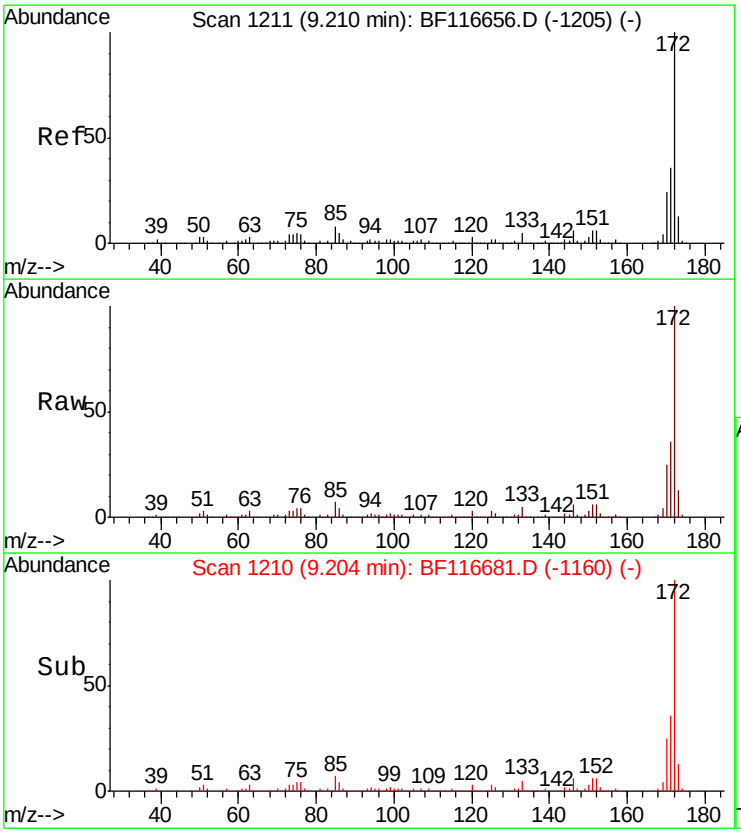
#42
2,4,6-Tribromophenol
Concen: 100.872 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 138581

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	46.6	31.4	47.2

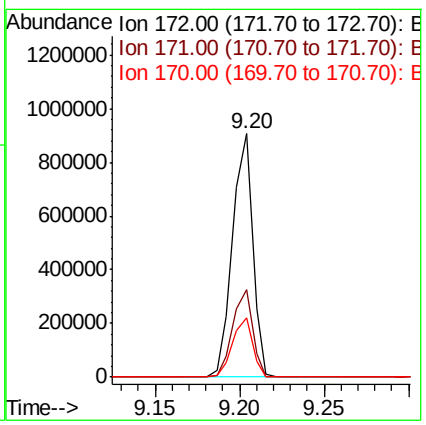


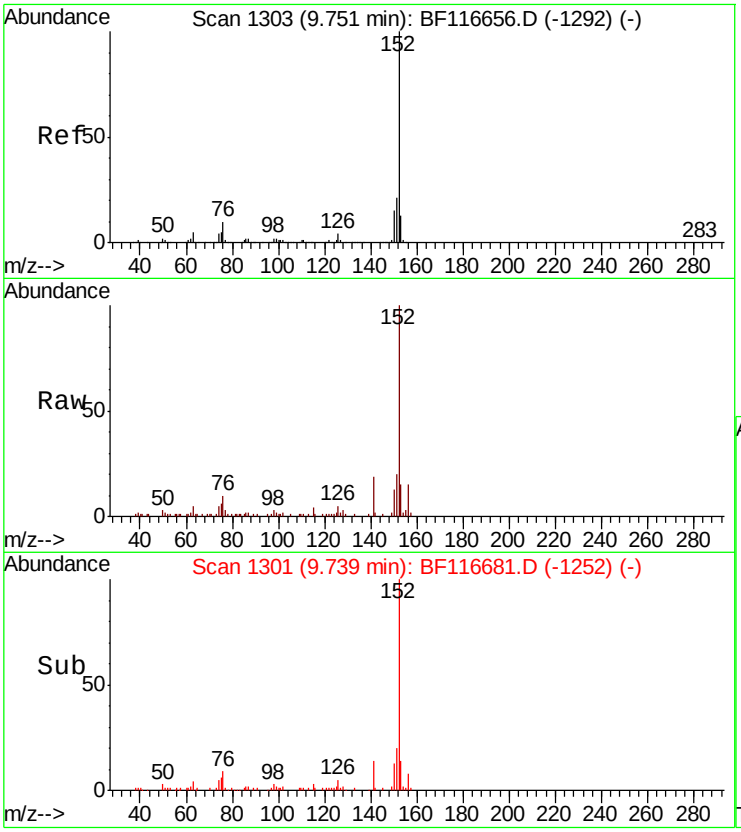


#45
2-Fluorobiphenyl
Concen: 62.098 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:172 Resp: 756504

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	24.5	18.9	28.3



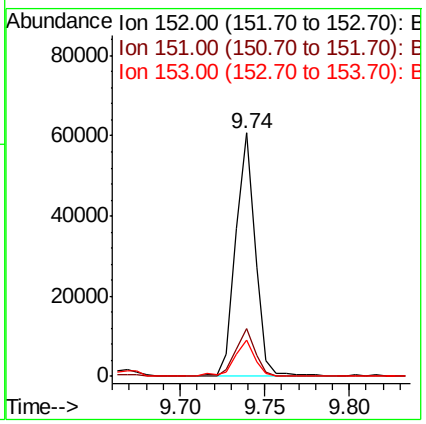


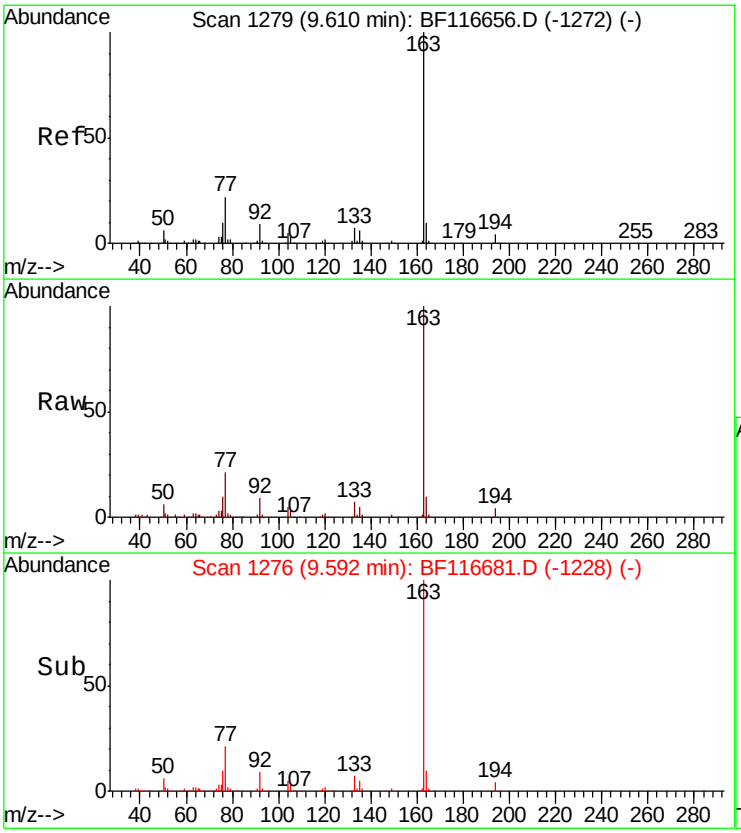
#49
Acenaphthylene
Concen: 2.600 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 48549

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	14.9	10.9	16.3

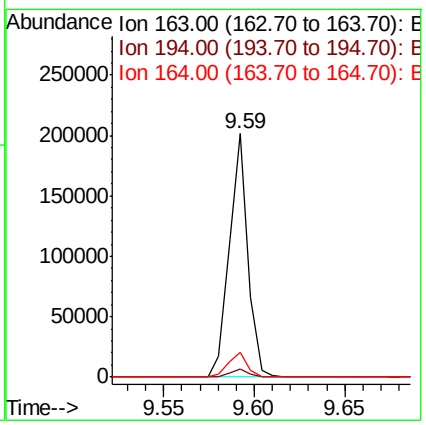


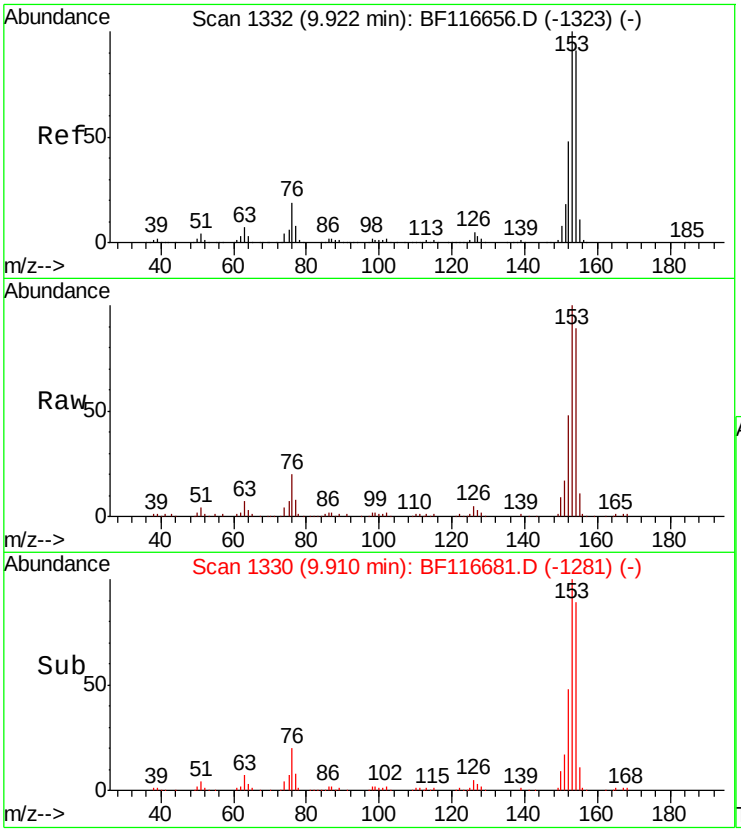


#50
Dimethylphthalate
Concen: 10.134 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:163 Resp: 143780

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.1	8.6	12.8



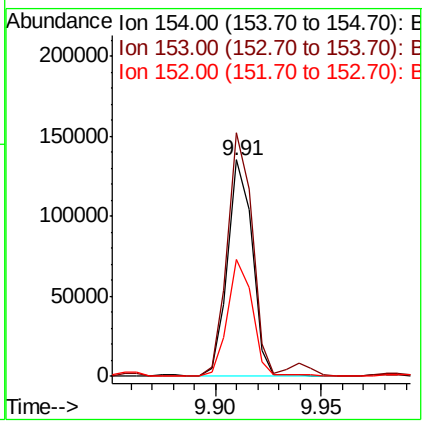


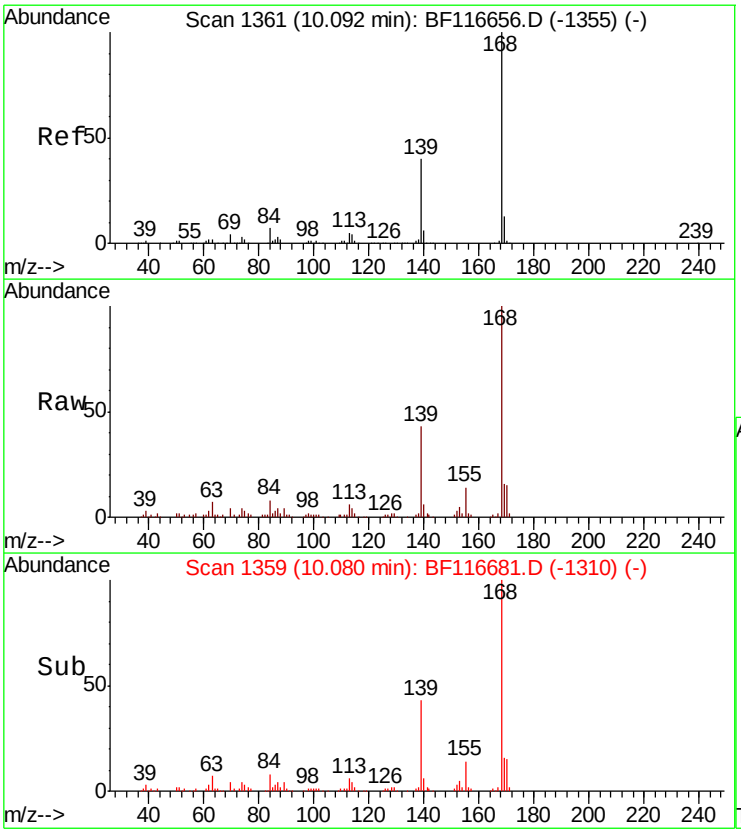
#52
Acenaphthene
Concen: 9.547 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 109517

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.5	134.3
152	54.3	41.9	62.9

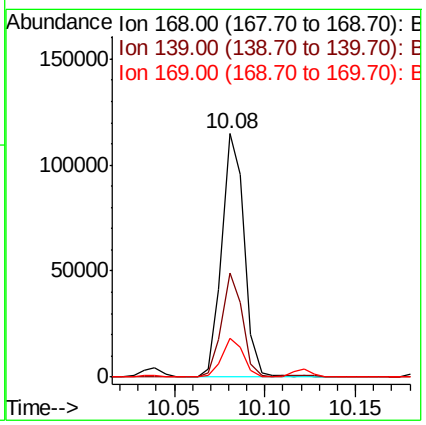


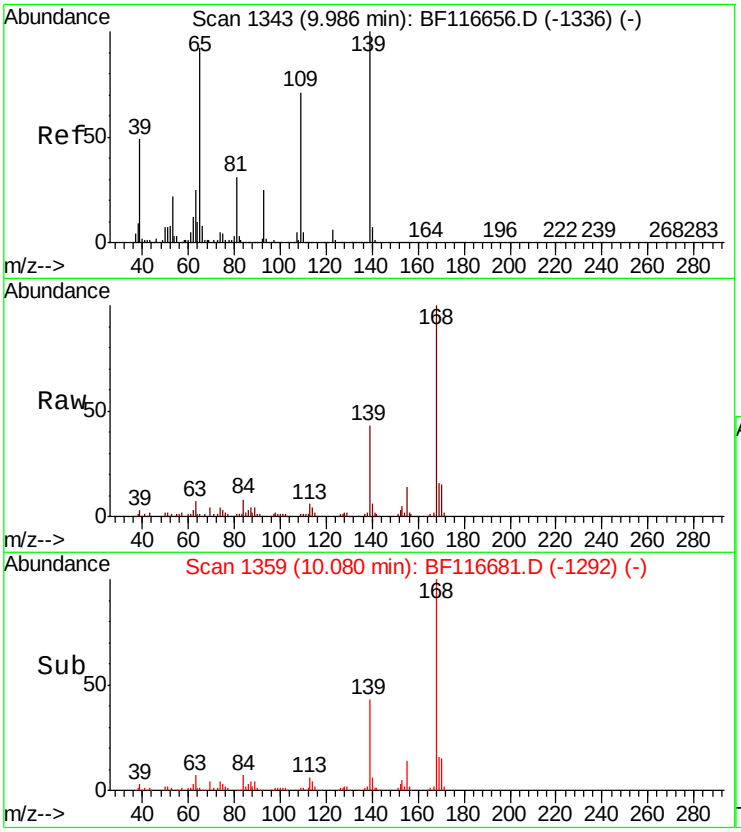


#55
Dibenzofuran
Concen: 6.122 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:168 Resp: 99008

Ion	Ratio	Lower	Upper
168	100		
139	42.6	31.5	47.3
169	16.1	10.3	15.5#



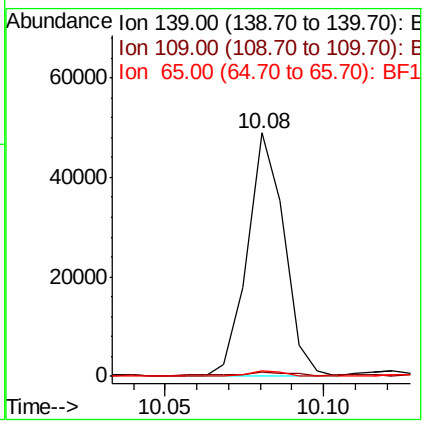


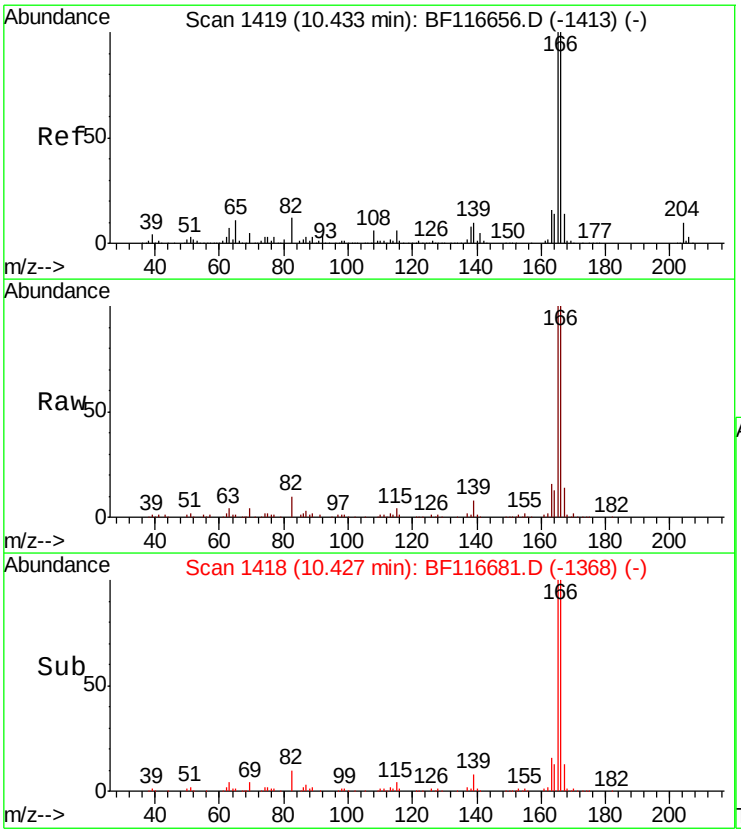
#56
4-Nitrophenol
Concen: 16.939 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.09 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 39400

Ion	Ratio	Lower	Upper
139	100		
109	1.5	61.7	101.7#
65	2.1	89.1	129.1#

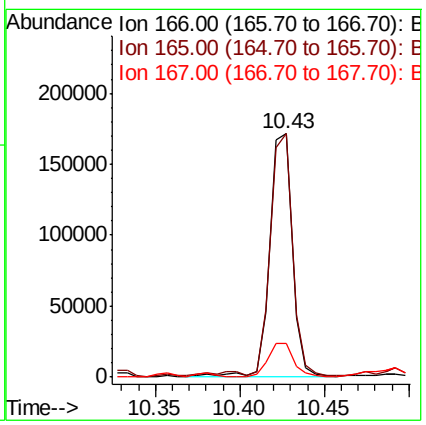


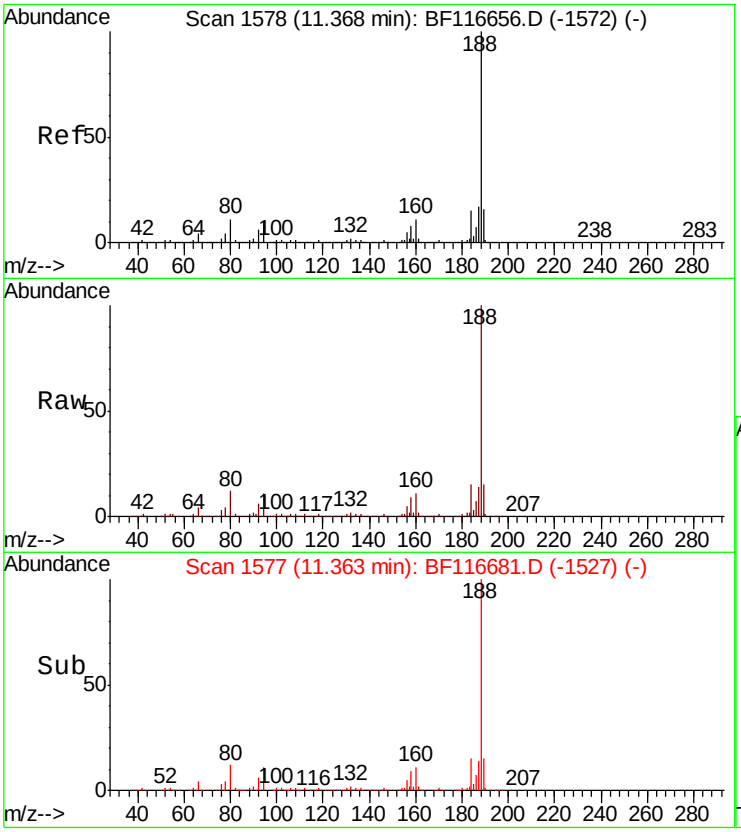


#58
Fluorene
Concen: 12.726 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:166 Resp: 156814

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.8	118.2
167	13.7	10.0	15.0



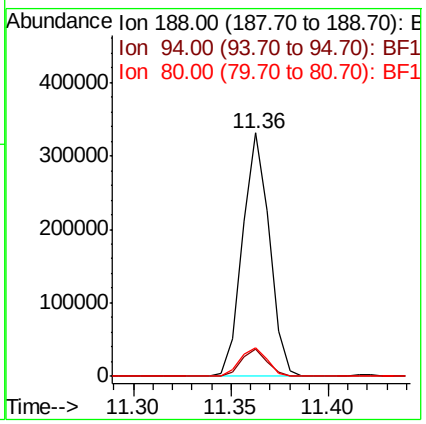


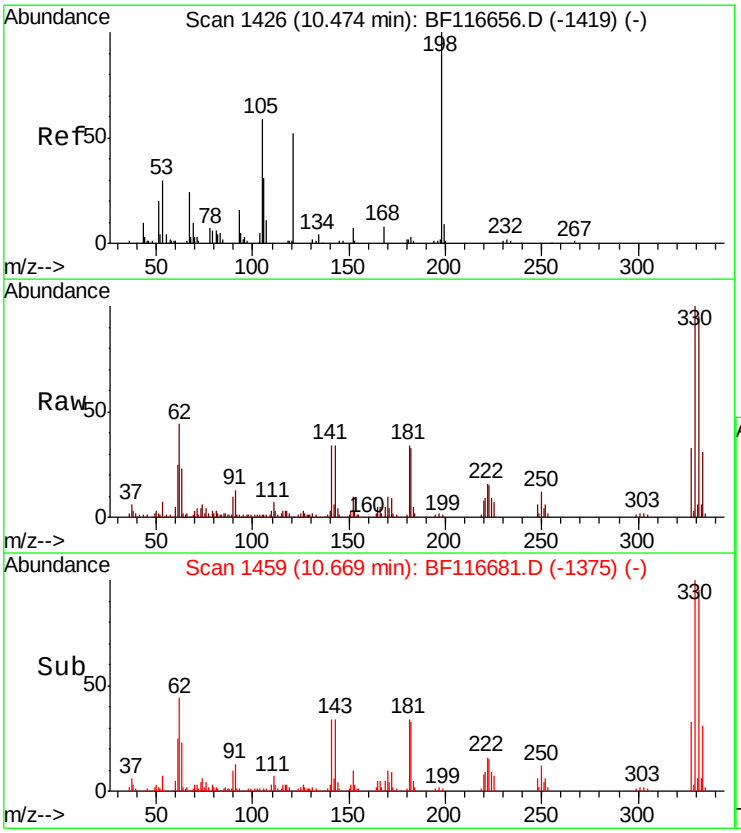
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 316168

Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.3	10.9#
80	11.7	8.4	12.6

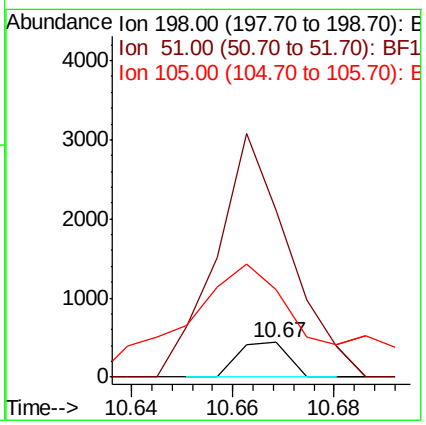


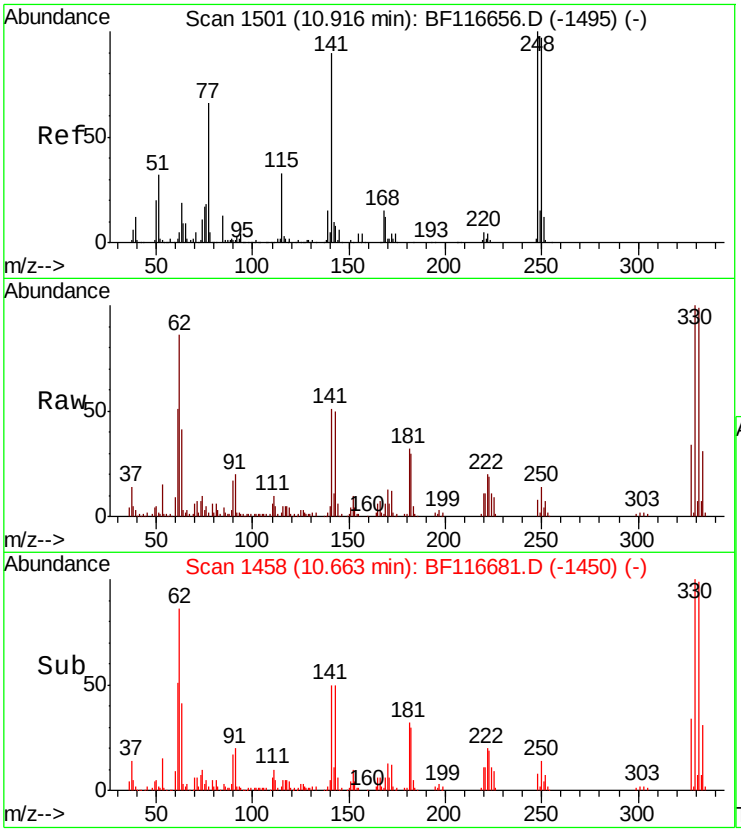


#65
4,6-Dinitro-2-methylphenol
Concen: 7.667 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:198 Resp: 298

Ion	Ratio	Lower	Upper
198	100		
51	482.1	18.4	58.4#
105	254.4	22.9	62.9#



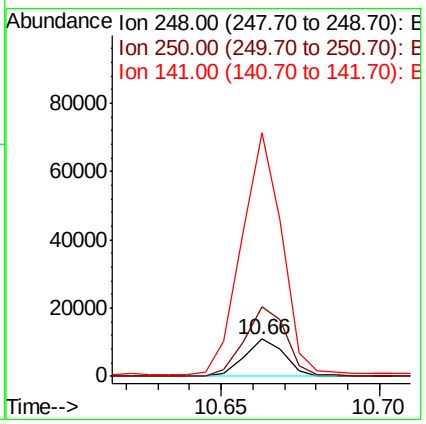


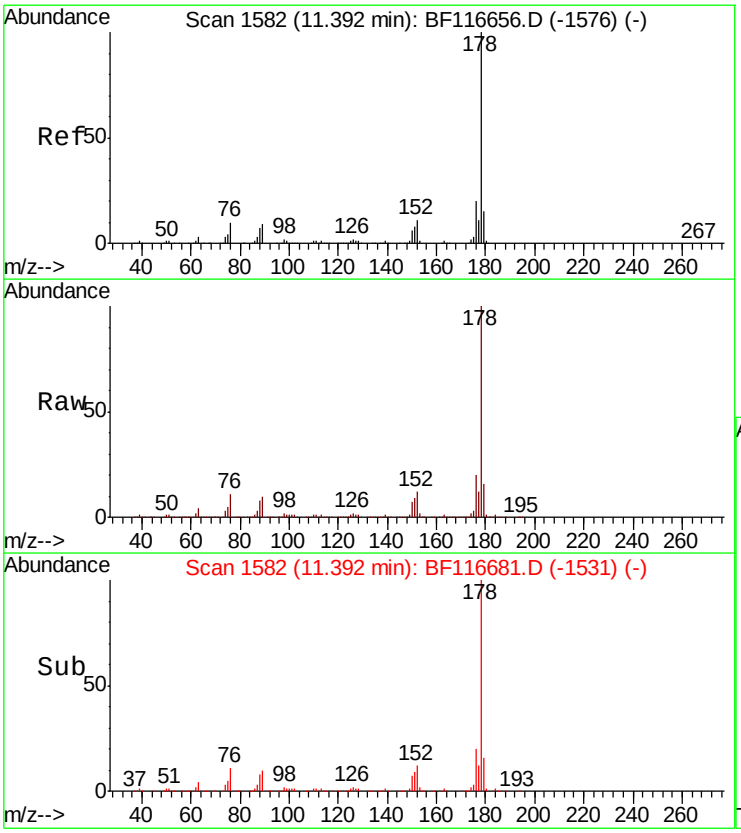
#67
4-Bromophenyl-phenylether
Concen: 2.955 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9492

Ion	Ratio	Lower	Upper
248	100		
250	185.7	77.8	116.8#
141	650.5	75.9	113.9#

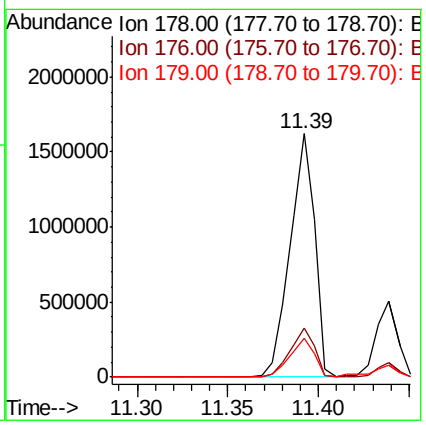


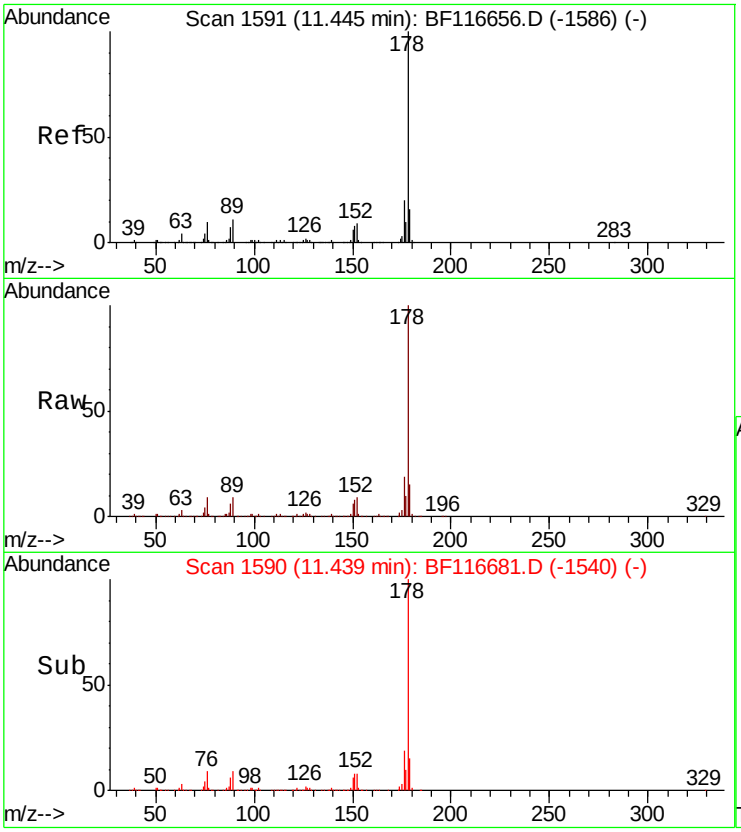


#71
Phenanthrene
Concen: 88.191 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:178 Resp: 1552153

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.0
179	15.9	12.2	18.2



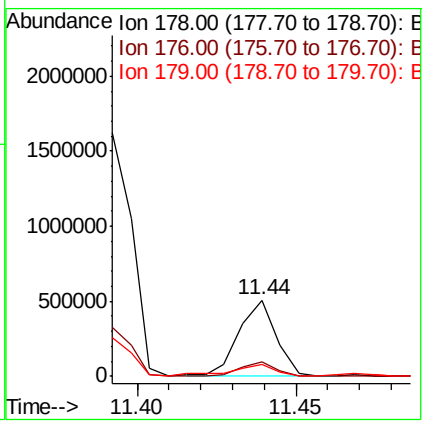


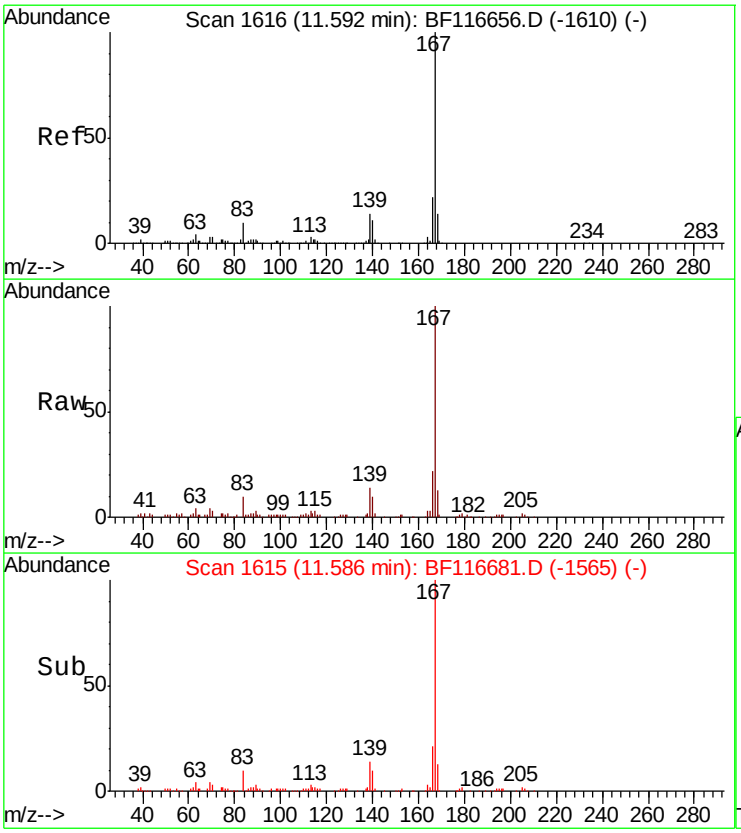
#72
Anthracene
Concen: 22.947 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 406540

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.0	12.5	18.7

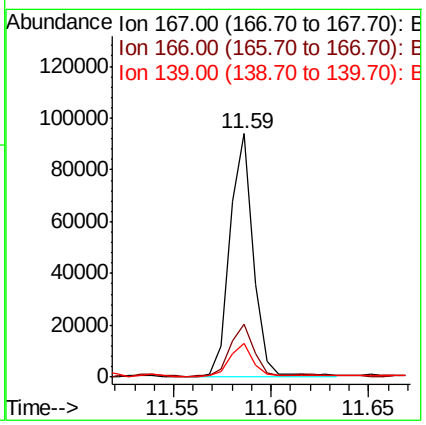


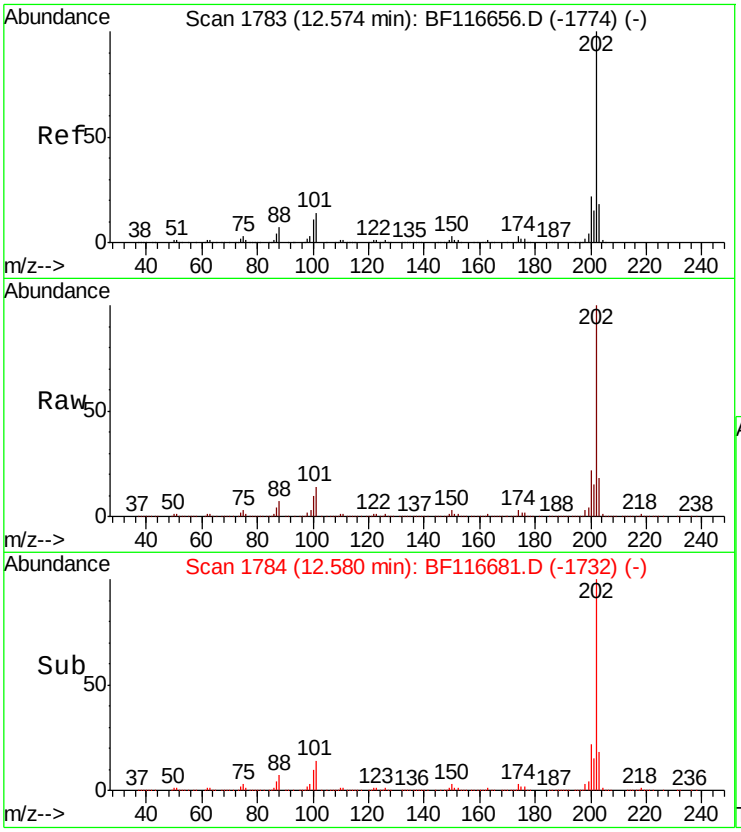


#73
Carbazole
Concen: 4.663 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:167 Resp: 78692

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	13.6	11.1	16.7



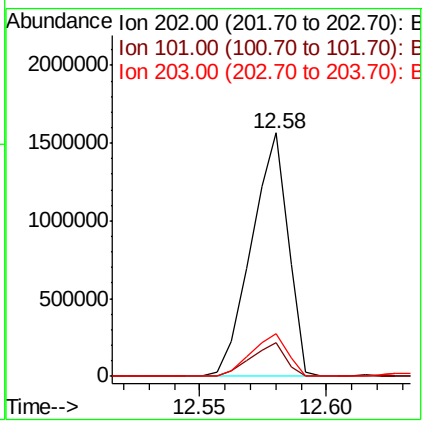


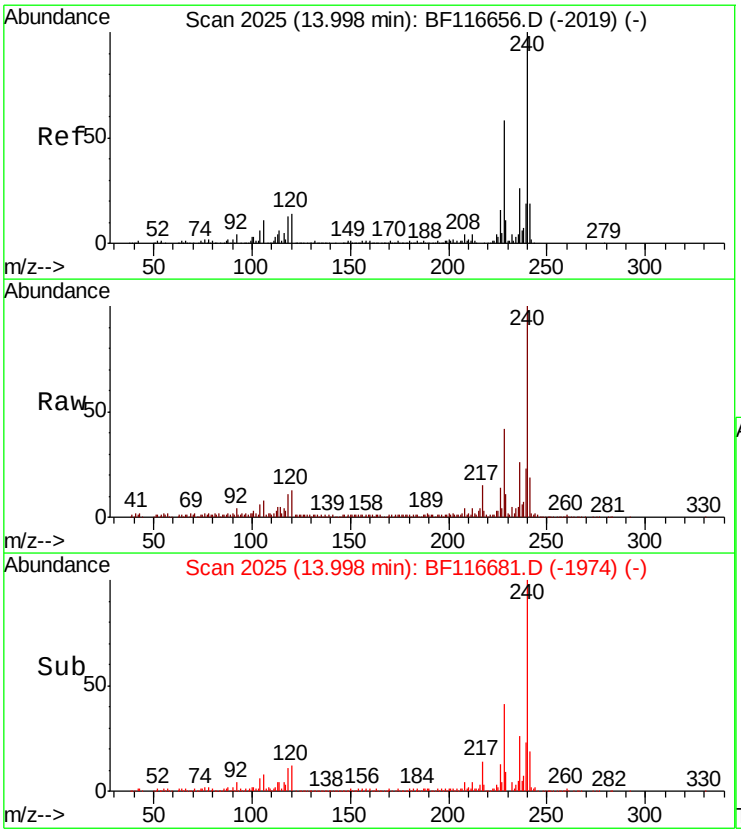
#75
Fluoranthene
Concen: 91.363 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1580253

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	31.3
203	17.8	0.0	37.6

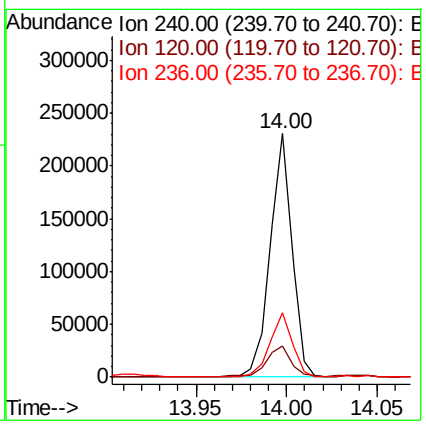


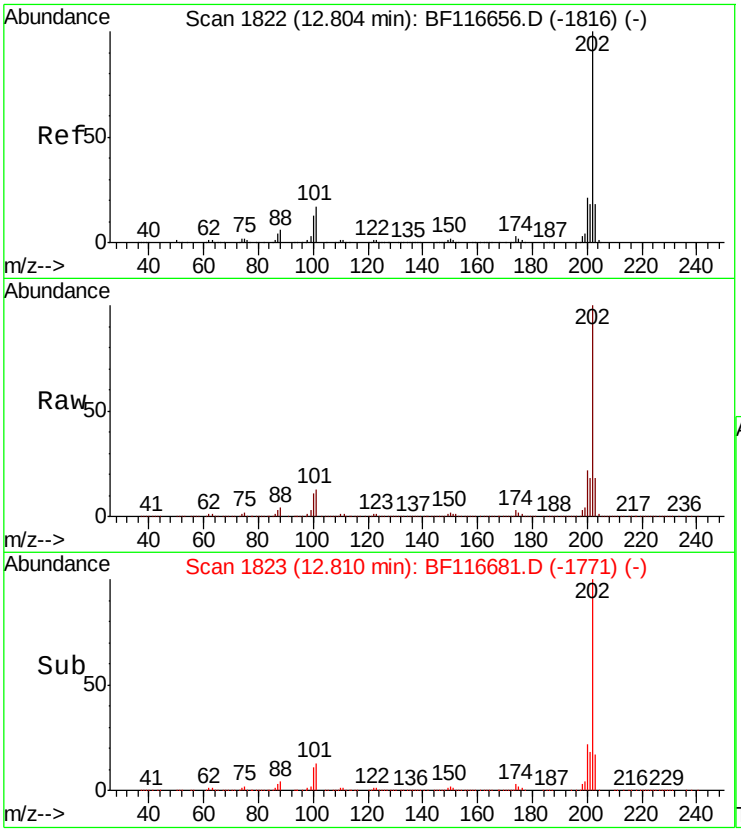


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:240 Resp: 192072

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.1	13.7
236	26.3	21.1	31.7



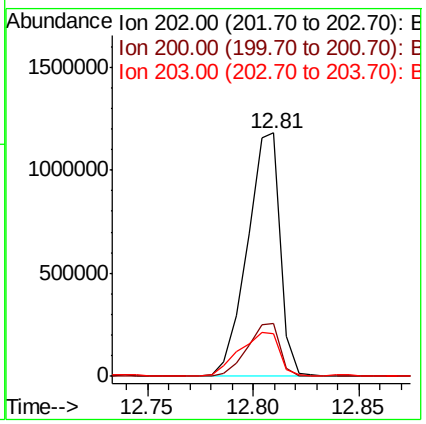


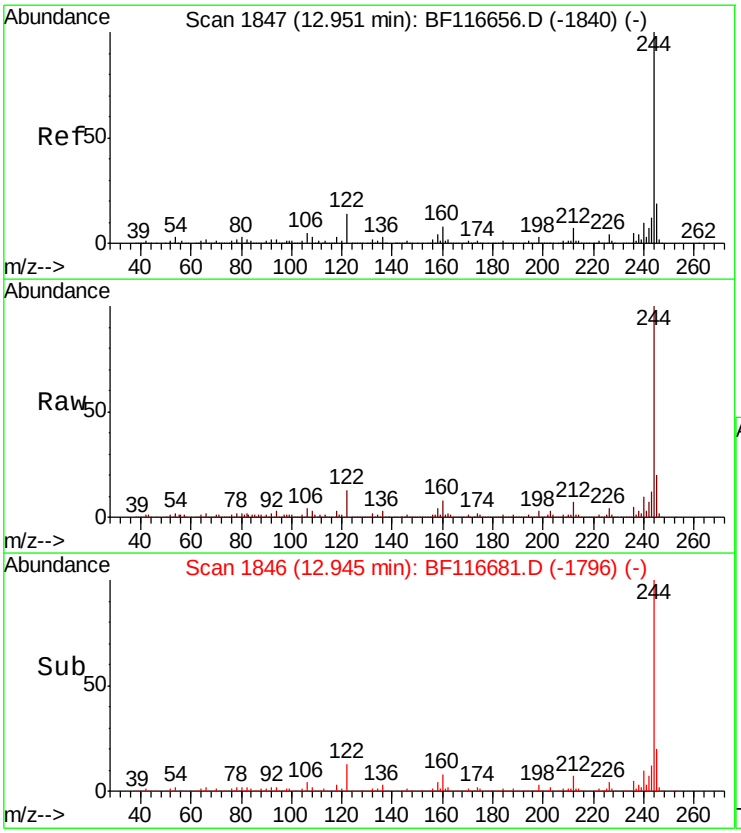
#78
Pyrene
Concen: 74.586 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1273482

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.5	24.7
203	17.6	13.7	20.5

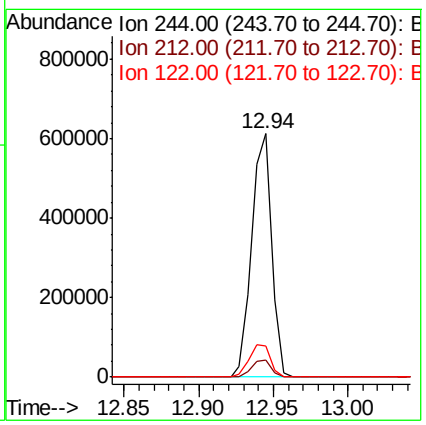


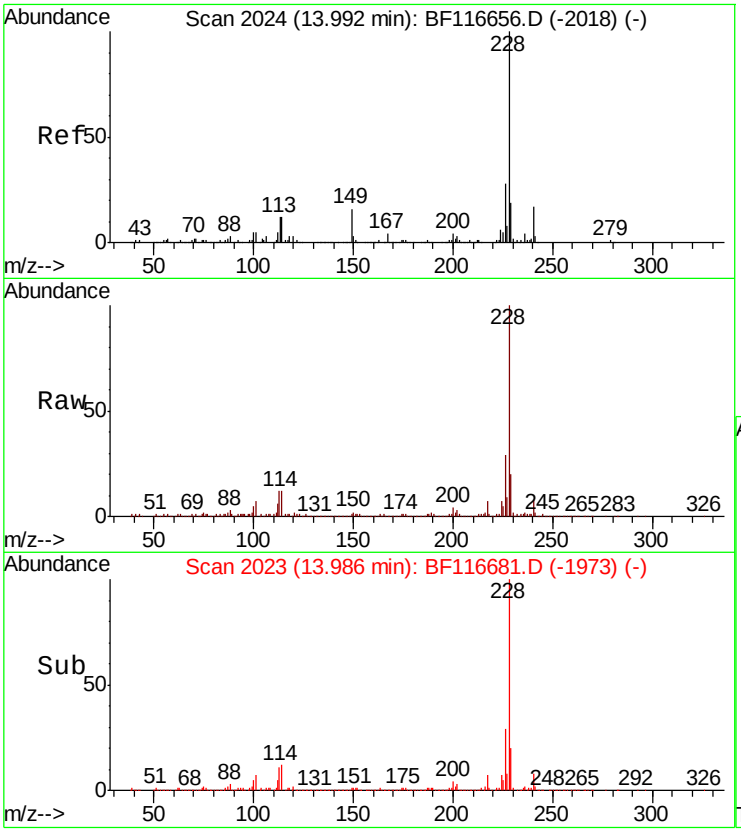


#79
Terphenyl-d14
Concen: 54.307 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:244 Resp: 563846

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	12.7	10.2	15.4



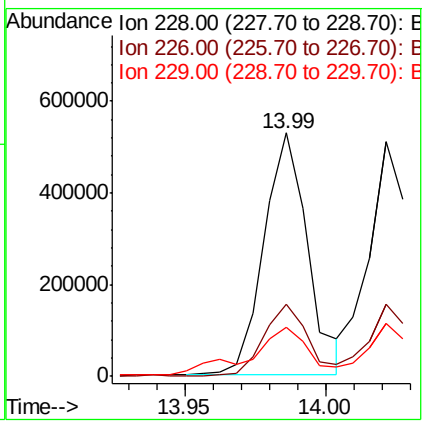


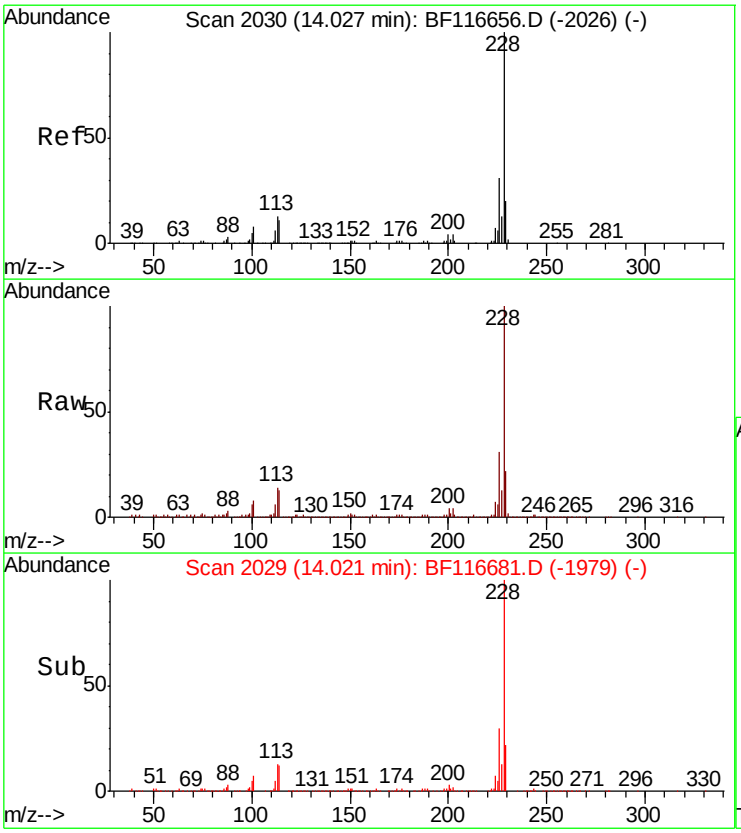
#81
Benzo(a)anthracene
Concen: 46.890 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 570004

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.0	33.0
229	20.3	16.4	24.6

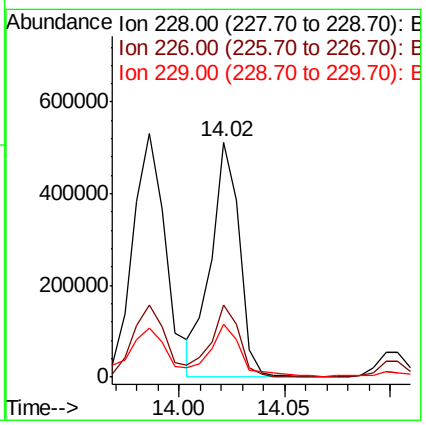


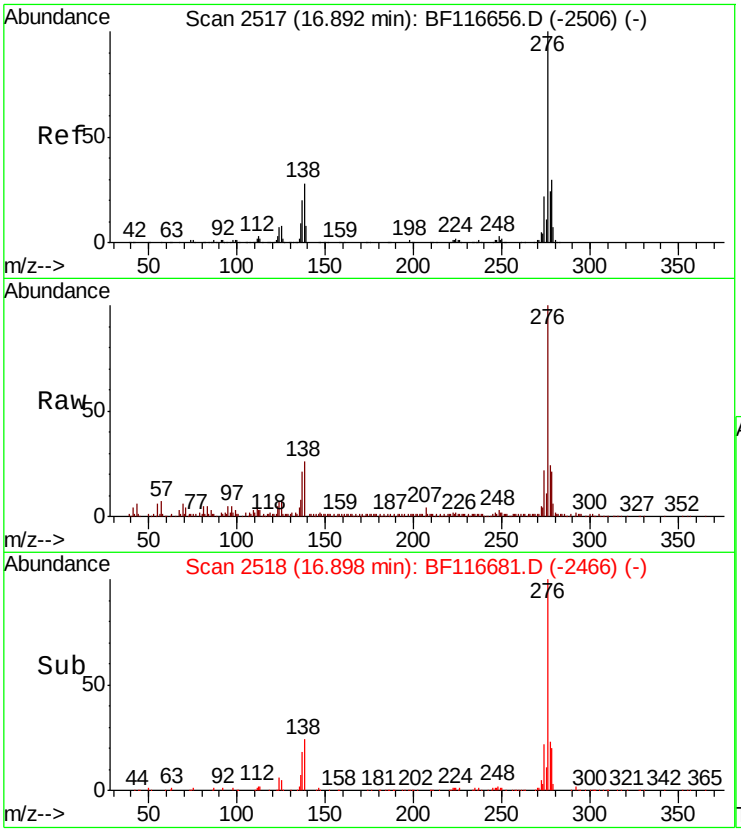


#83
Chrysene
Concen: 38.059 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:228 Resp: 476642

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	22.4	15.4	23.0



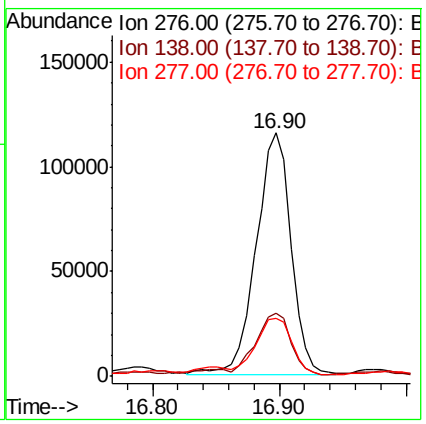


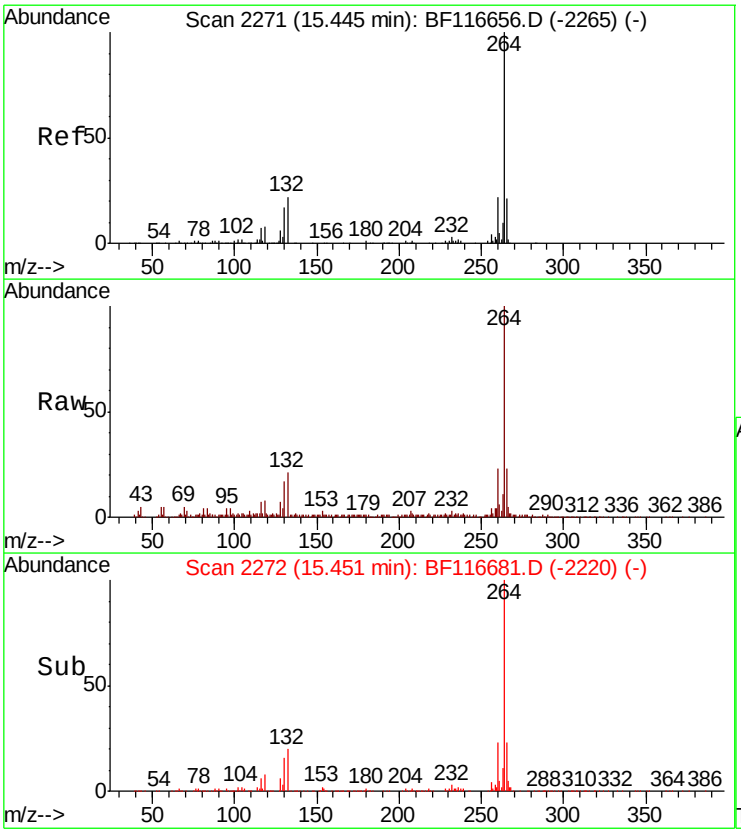
#86
Indeno(1,2,3-cd)pyrene
Concen: 22.003 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 221333

Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.4	29.2
277	23.7	20.5	30.7

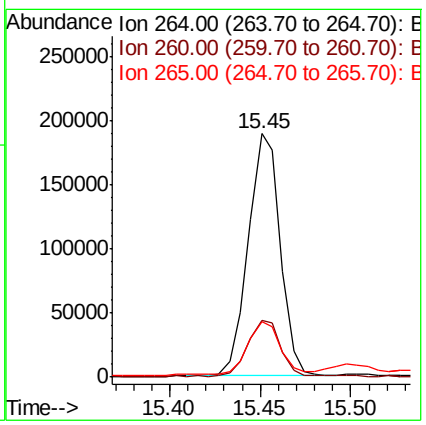


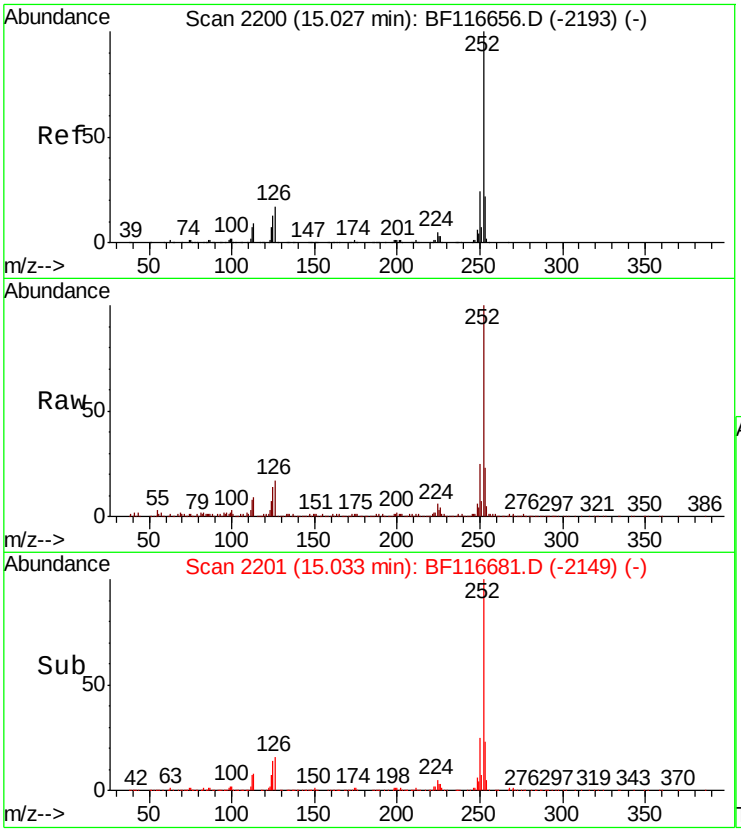


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:264 Resp: 230943

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	23.0	16.5	24.7



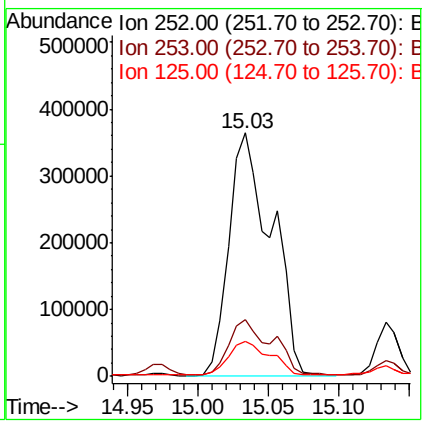


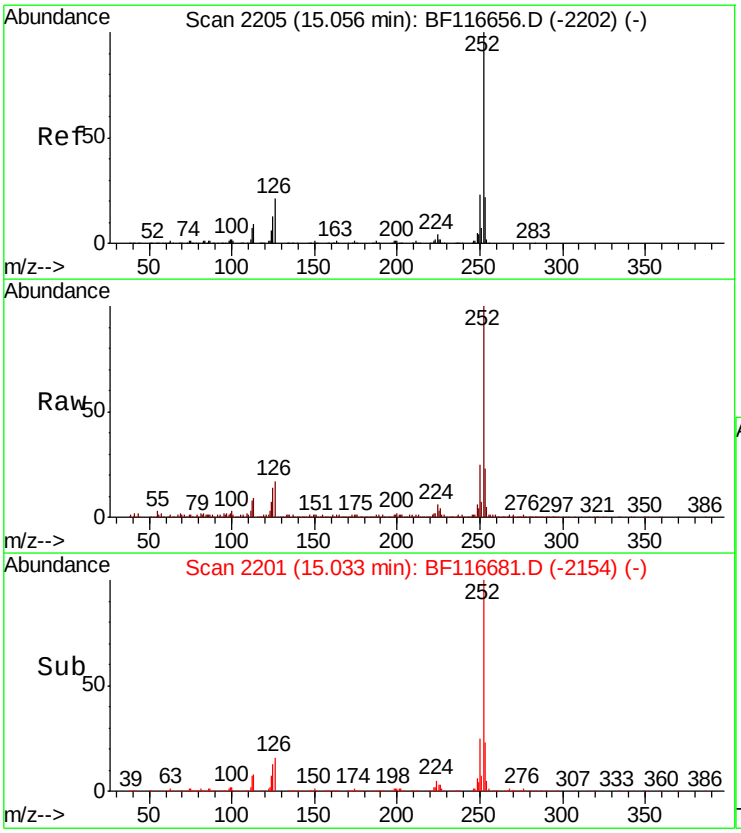
#88
Benzo(b)fluoranthene
Concen: 54.717 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 763982

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	14.1	8.2	12.2#

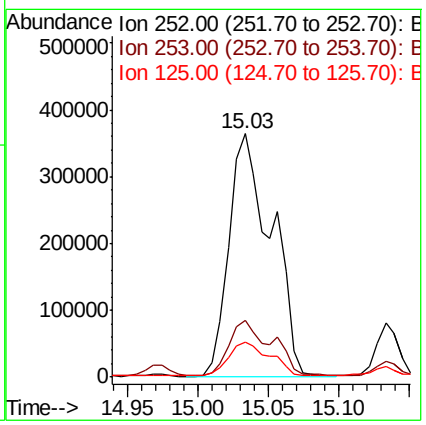


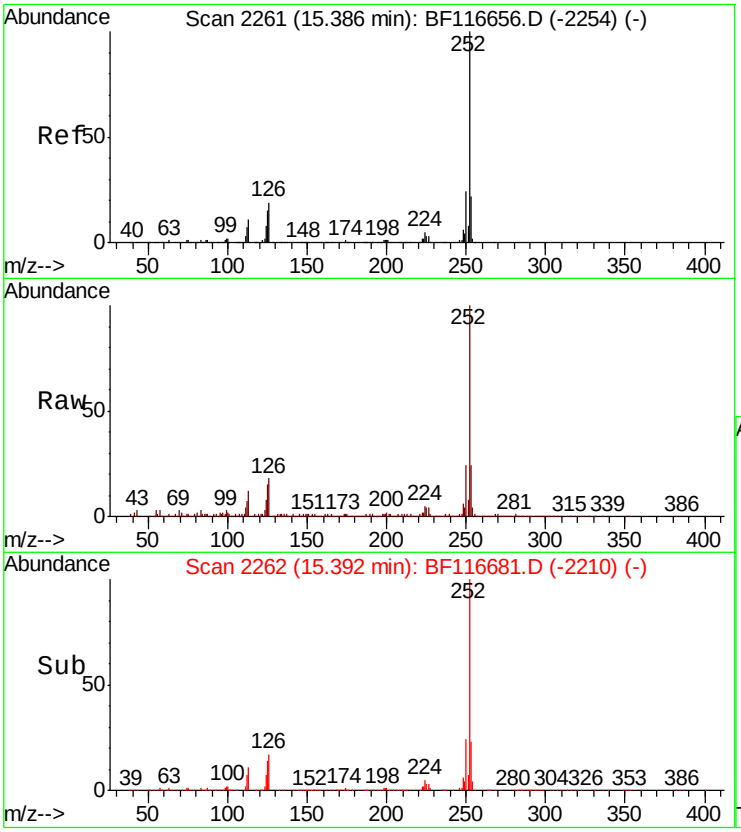


#89
Benzo(k)fluoranthene
Concen: 60.011 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:252 Resp: 763982

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	14.1	8.6	13.0#



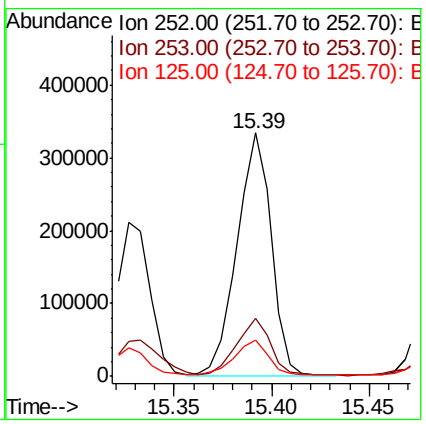


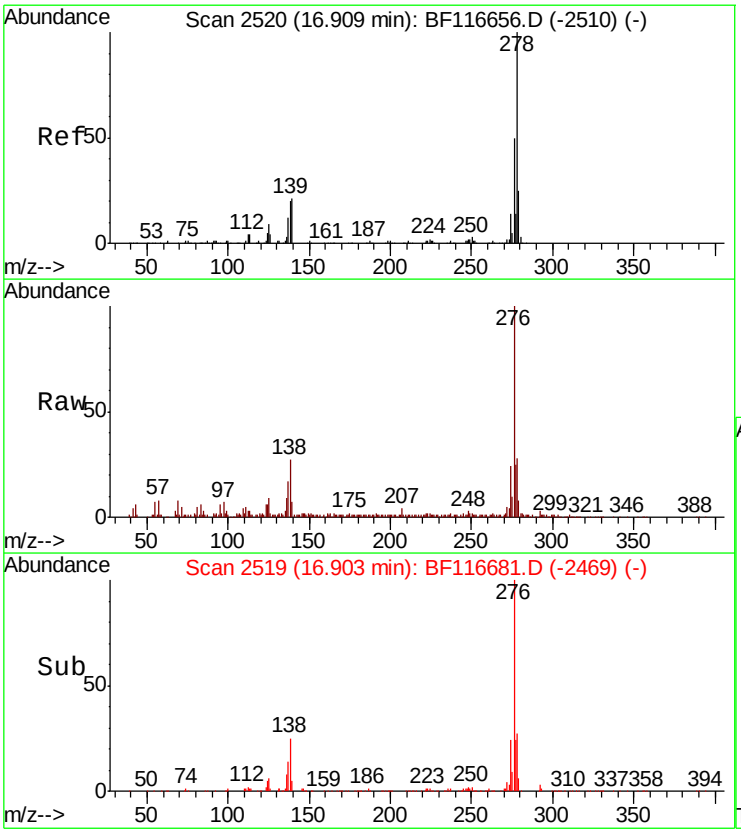
#90
Benzo(a)pyrene
Concen: 33.202 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 403319

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	14.7	9.8	14.8

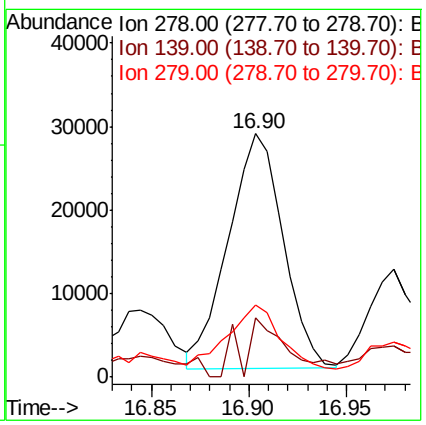


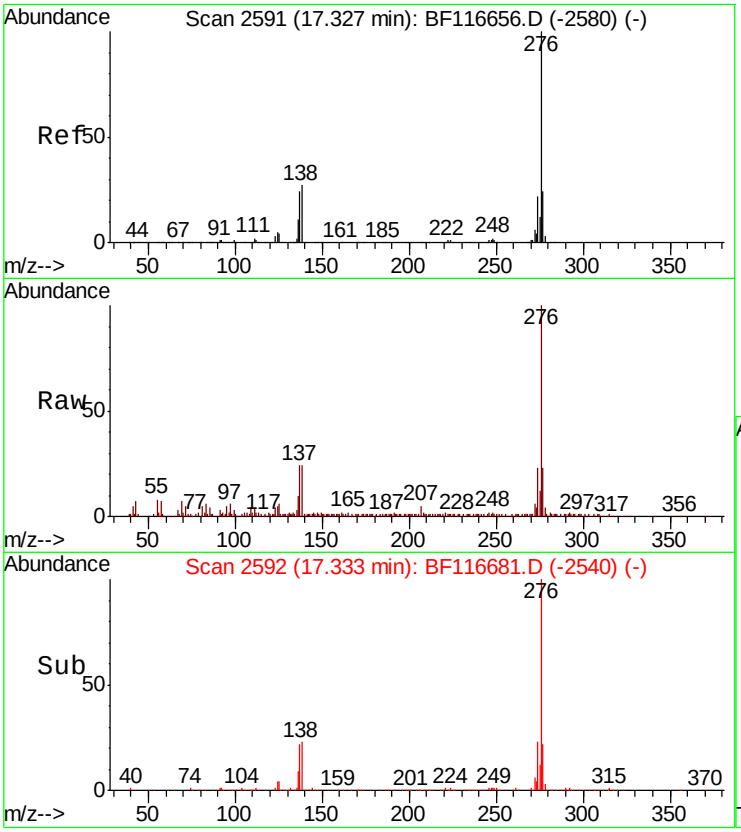


#91
Dibenzo(a,h)anthracene
Concen: 5.138 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Tgt Ion:278 Resp: 54631

Ion	Ratio	Lower	Upper
278	100		
139	24.6	12.4	18.6#
279	29.9	18.2	27.4#





#92
Benzo(g,h,i)perylene
Concen: 16.594 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116681.D
Acq: 31 Aug 2019 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 179952

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.5	27.7
138	24.4	16.2	24.2#