Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
Data File : BF117333.D
Acq On : 3 Oct 2019 22:51
Operator : JU
Sample : K5148-01RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100119RE

Quant Time: Oct 04 03:21:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	52972	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	195048	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	73043	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	106571	20.00	ng		0.00
76) Chrysene-d12	13.97	240	100498	20.00	ng		0.00
87) Perylene-d12	15.43	264	81667	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	174009	51.29	ng		0.00
7) Phenol-d6	6.45	99	254509	58.04	ng		0.00
23) Nitrobenzene-d5	7.37	82	149848	40.37	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	28622	46.89	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	226076	48.39	ng		-0.02
79) Terphenyl-d14	12.91	244	185494	34.50	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	218	Below Cal		#	1
25) Isophorone	7.37	82	149848	22.798	ng	#	67
38) 1-Methylnaphthalene	8.90	142	12743	2.154	ng		96
49) Acenaphthylene	9.70	152	14373	2.122	ng	#	93
50) Dimethylphthalate	9.55	163	31732	6.136	ng	#	99
52) Acenaphthene	9.87	154	12052	3.001	ng		93
58) Fluorene	10.39	166	20352	4.265	ng	#	95
65) 4,6-Dinitro-2-methylphenol	10.66	198	161	7.186	ng	#	1
71) Phenanthrene	11.35	178	136901	22.616	ng		98
72) Anthracene	11.40	178	46891	7.588	ng		96
73) Carbazole	11.56	167	12601	2.148	ng	#	90
75) Fluoranthene	12.54	202	209591	33.698	ng		97
78) Pyrene	12.77	202	203455	24.127	ng		99
81) Benzo(a)anthracene	13.96	228	100514	14.970	ng		97
83) Chrysene	14.00	228	86152	13.156	ng		96
86) Indeno(1,2,3-cd)pyrene	16.89	276	32728	6.850	ng	#	94
88) Benzo(b)fluoranthene	15.01	252	124501	25.168	ng	#	91
89) Benzo(k)fluoranthene	15.01	252	124501	26.568	ng	#	90
90) Benzo(a)pyrene	15.37	252	66195	15.249	ng	#	91
91) Dibenzo(a,h)anthracene	16.89	278	8014	2.317	ng	#	58
92) Benzo(g,h,i)perylene	17.33	276	34319	9.959	ng		97

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

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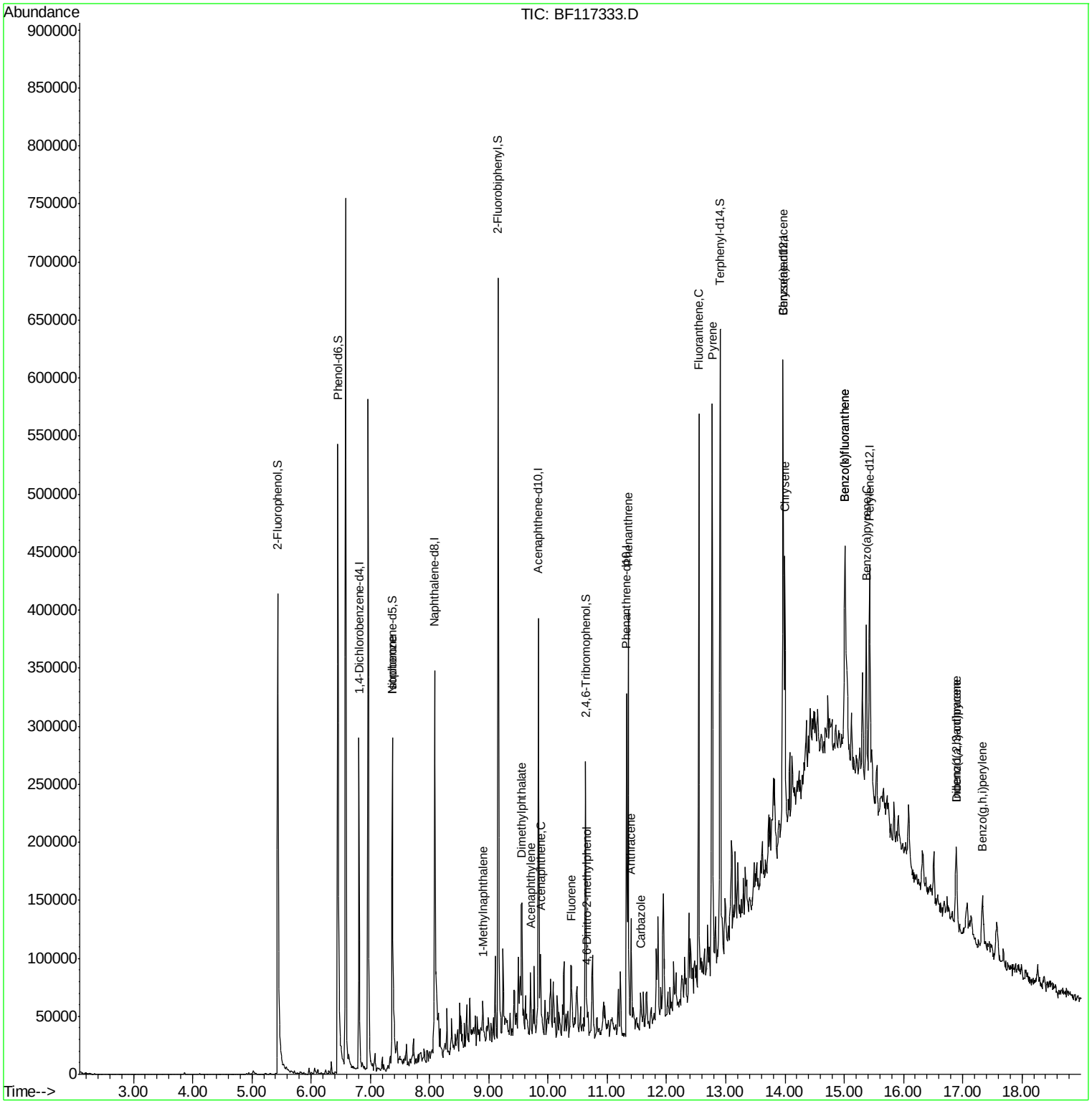
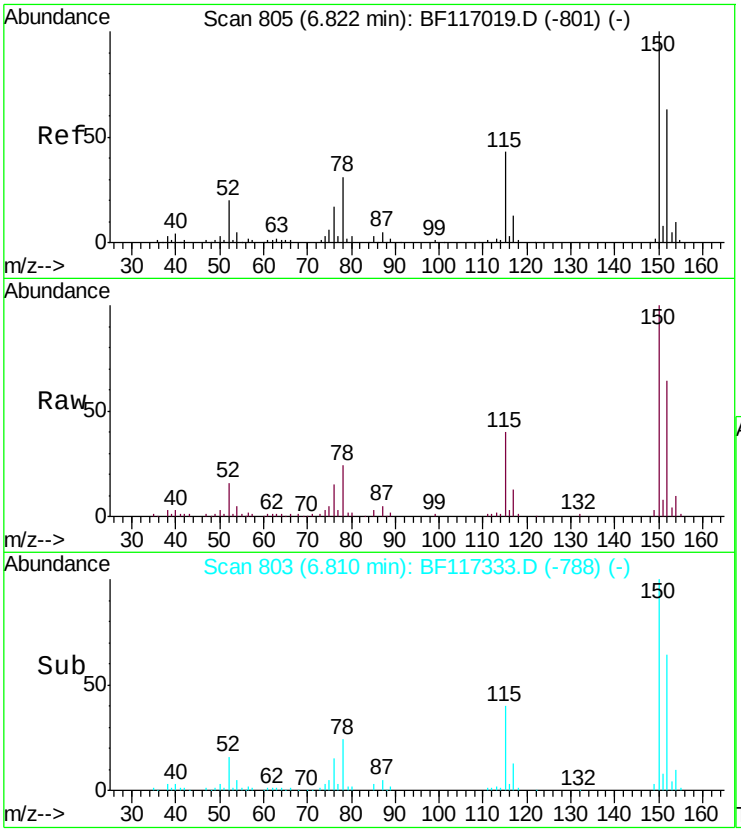


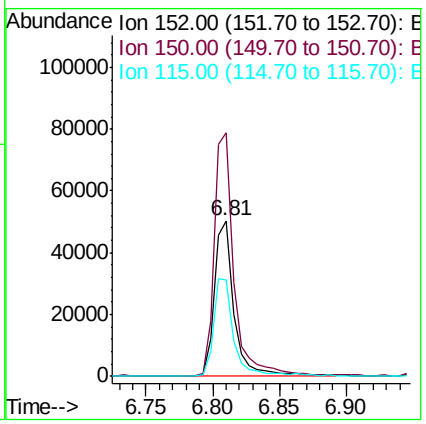


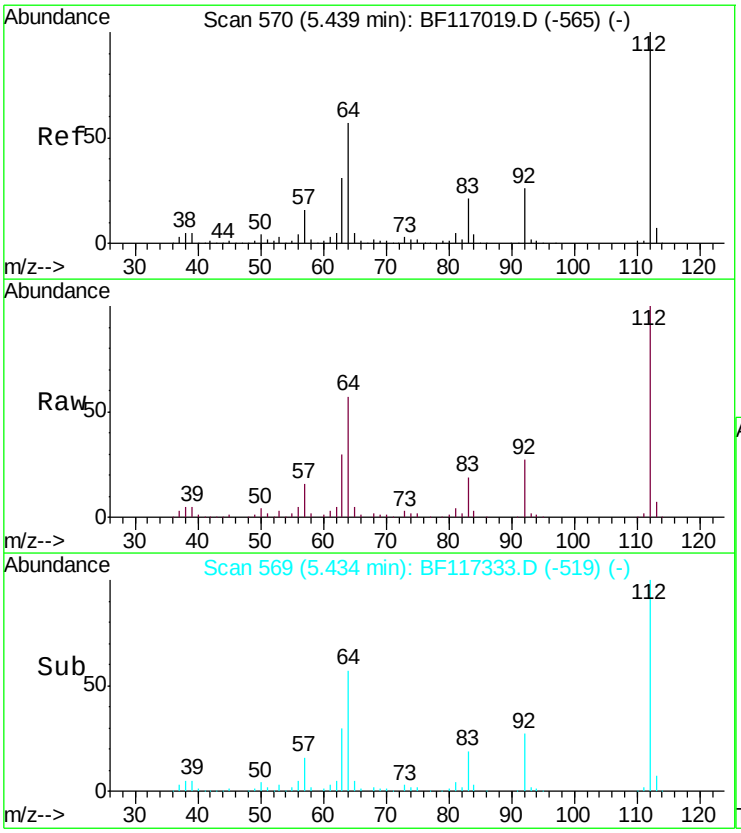
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:152 Resp: 52972

Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.5	191.3
115	62.2	55.0	82.4

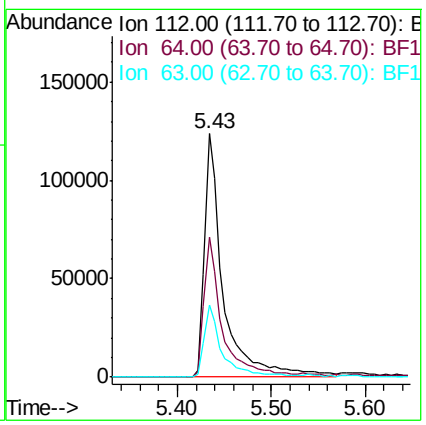


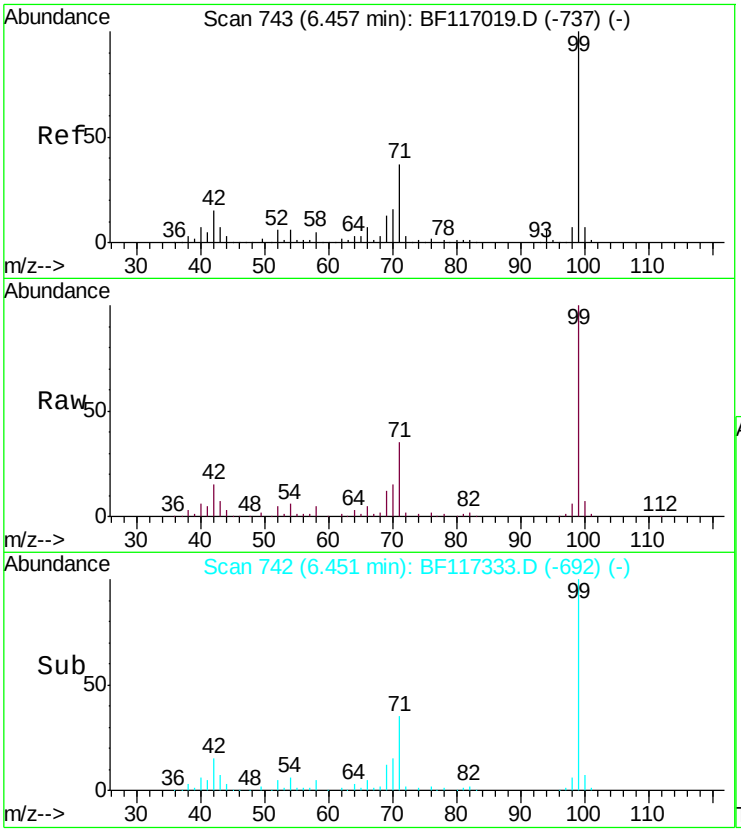


#5
2-Fluorophenol
Concen: 51.286 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:112 Resp: 174009

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.7	68.5
63	29.7	24.9	37.3



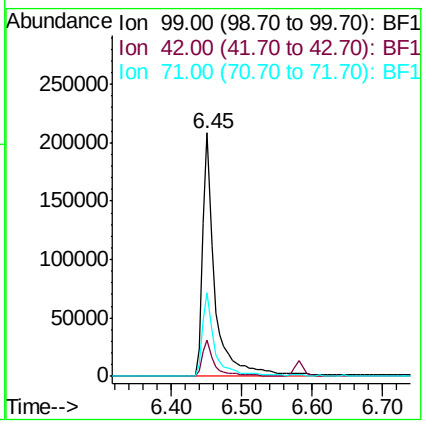


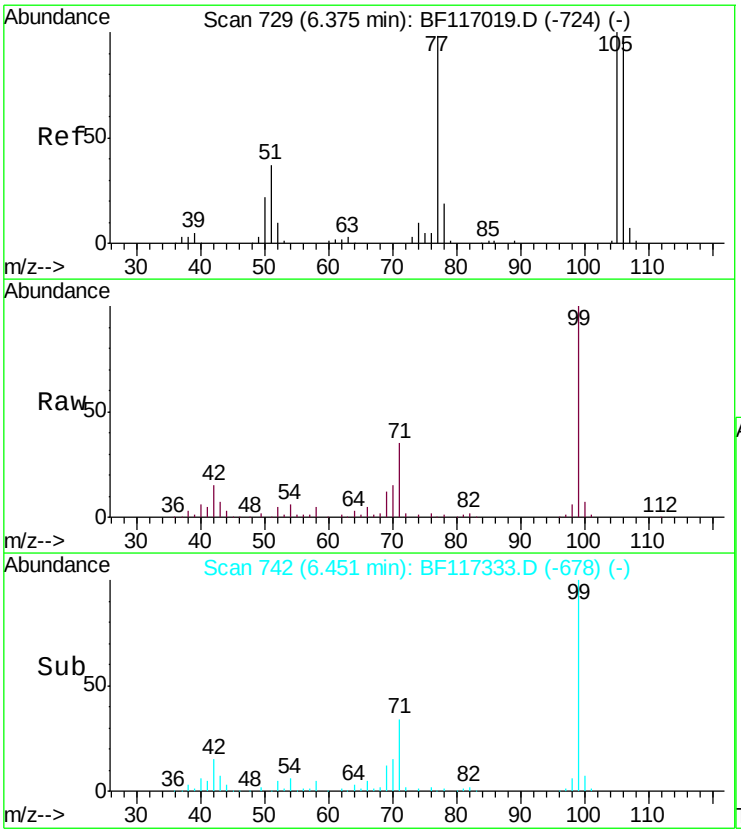
#7
Phenol-d6
Concen: 58.042 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion: 99 Resp: 254509

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.2	18.2
71	34.6	29.8	44.8

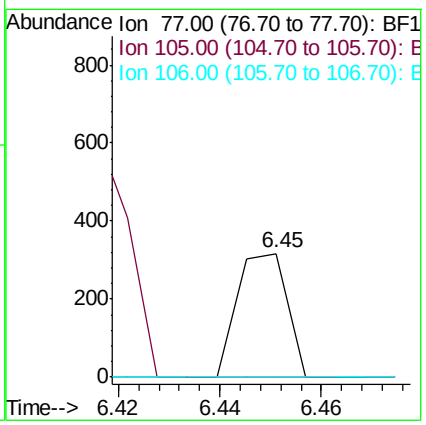


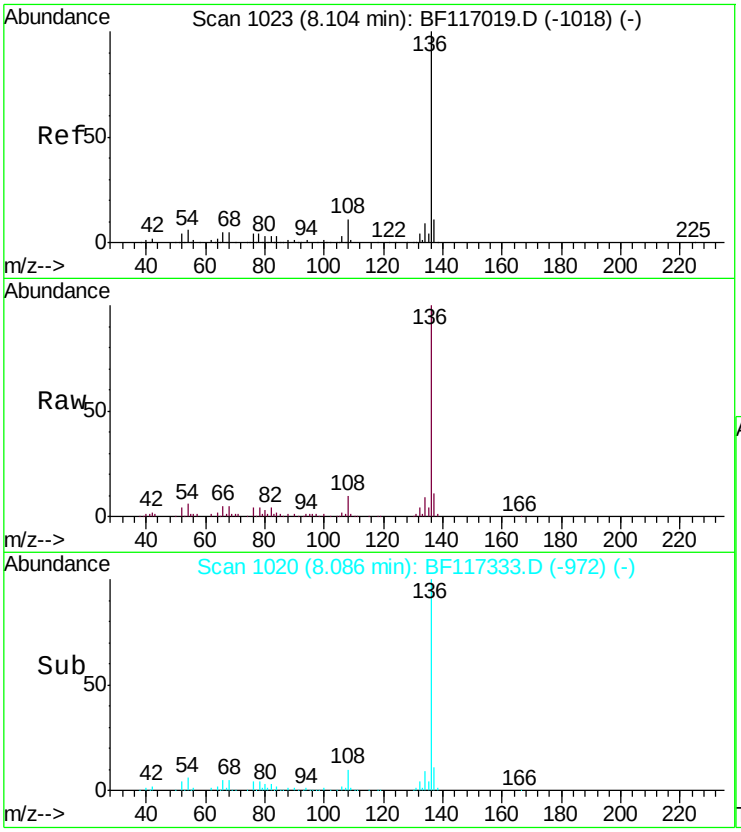


#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 742
Delta R.T. 0.08 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion: 77 Resp: 218

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.8	121.8#
106	0.0	77.3	117.3#



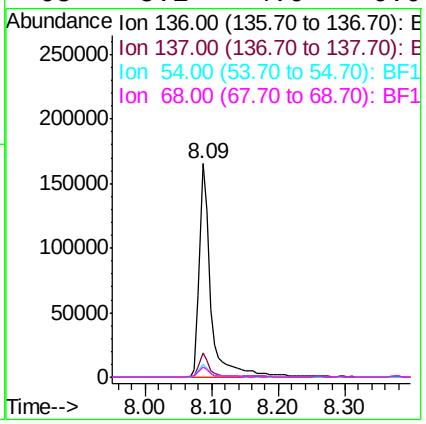


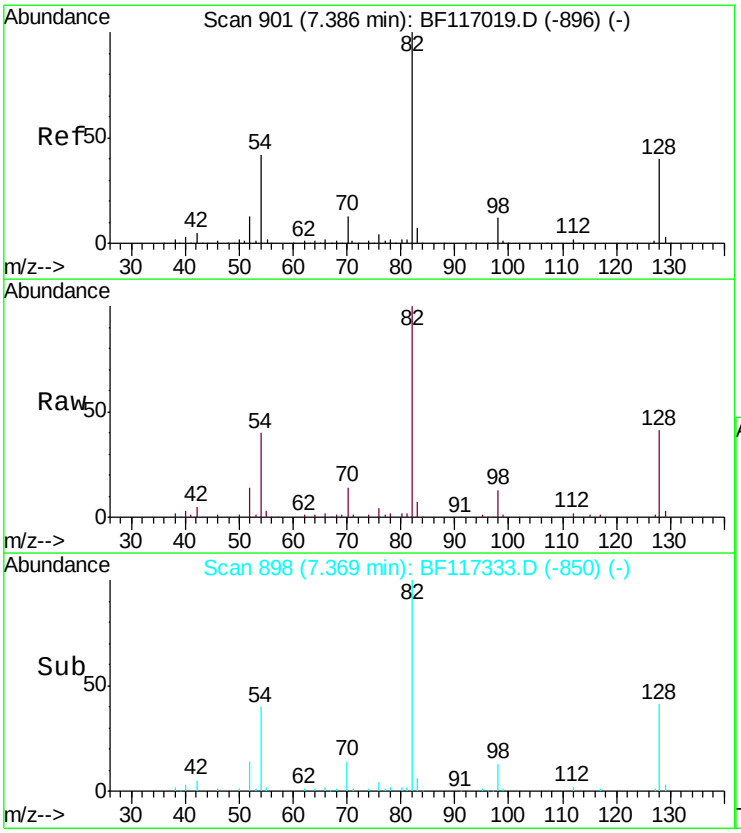
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:136 Resp: 195048

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	5.9	4.5	6.7
68	5.1	4.0	6.0

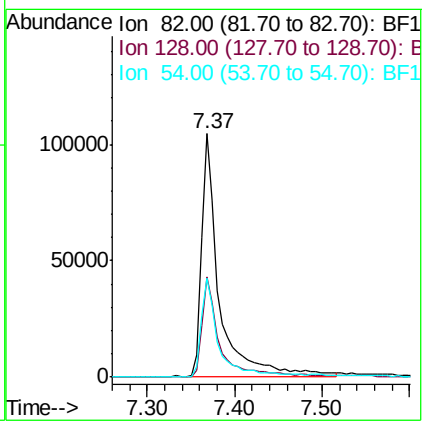


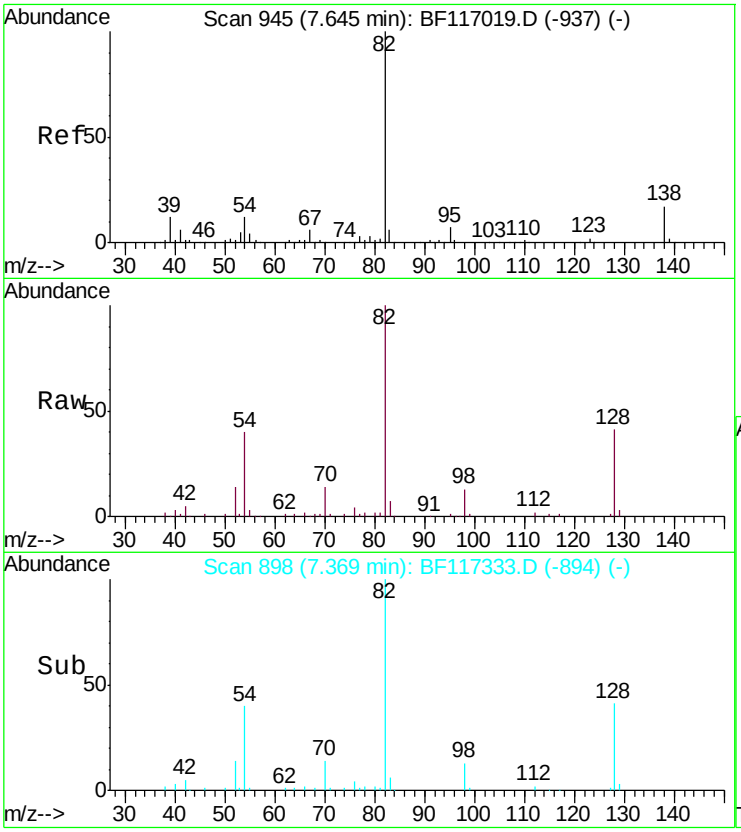


#23
Nitrobenzene-d5
Concen: 40.366 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion: 82 Resp: 149848

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.3	48.5
54	40.5	33.3	49.9



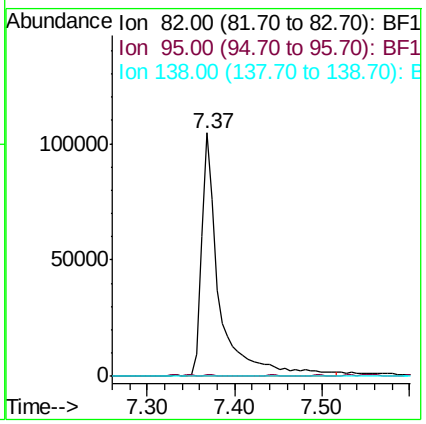


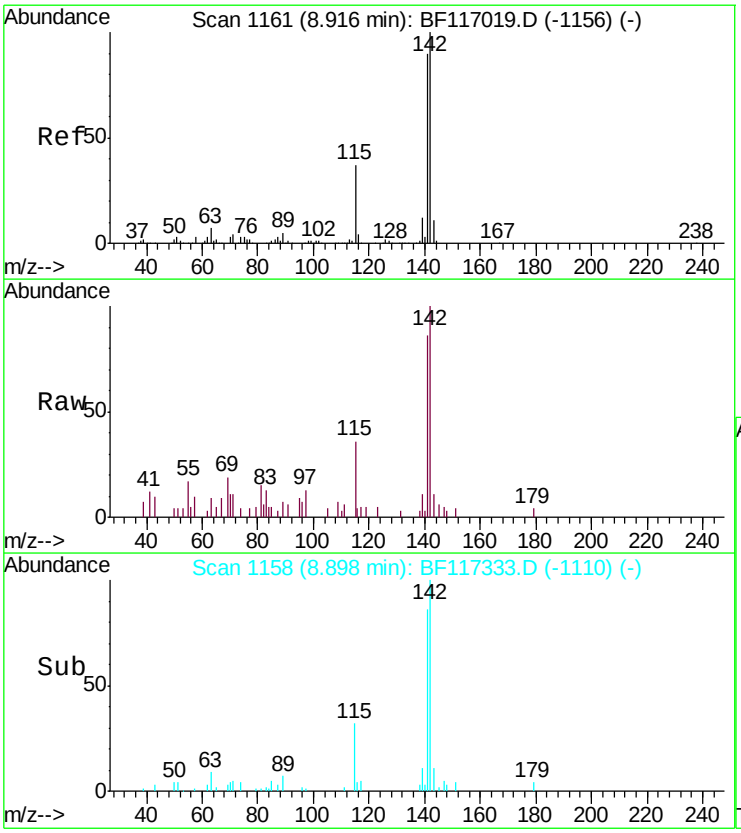
#25
Isophorone
Concen: 22.798 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion: 82 Resp: 149848

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.8	8.6#
138	0.0	13.5	20.3#

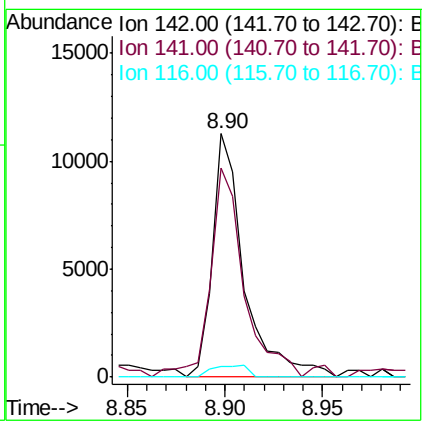


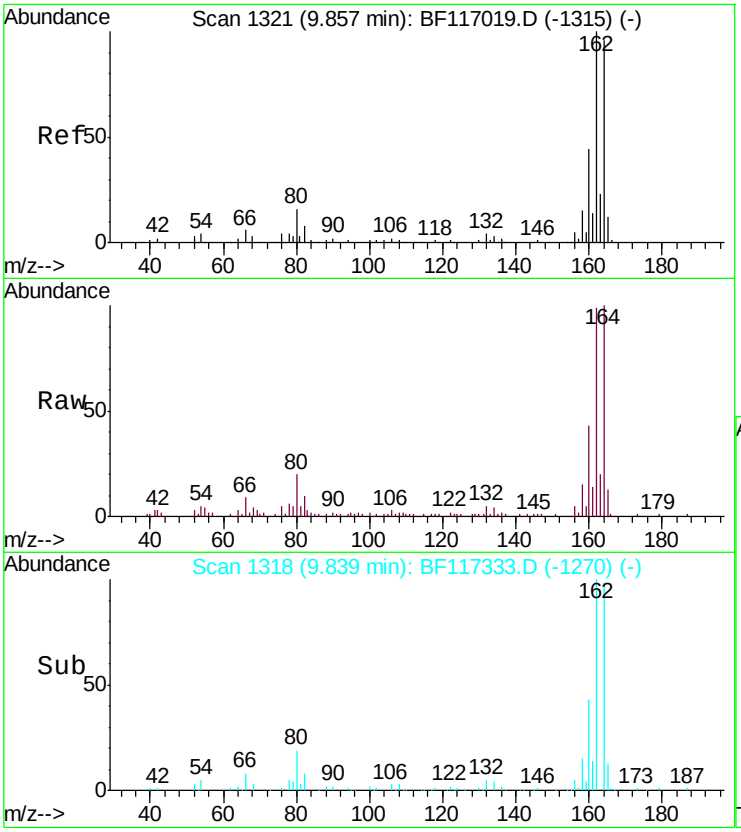


#38
1-Methylnaphthalene
Concen: 2.154 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:142 Resp: 12743

Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.9	107.9
116	4.3	3.2	4.8



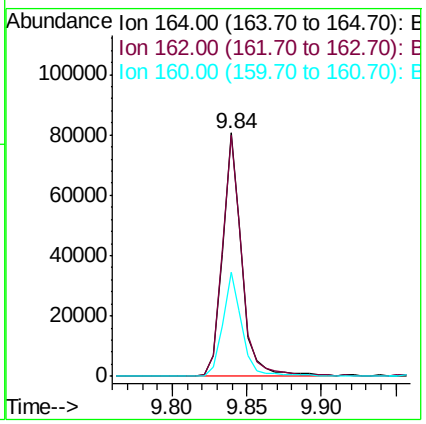


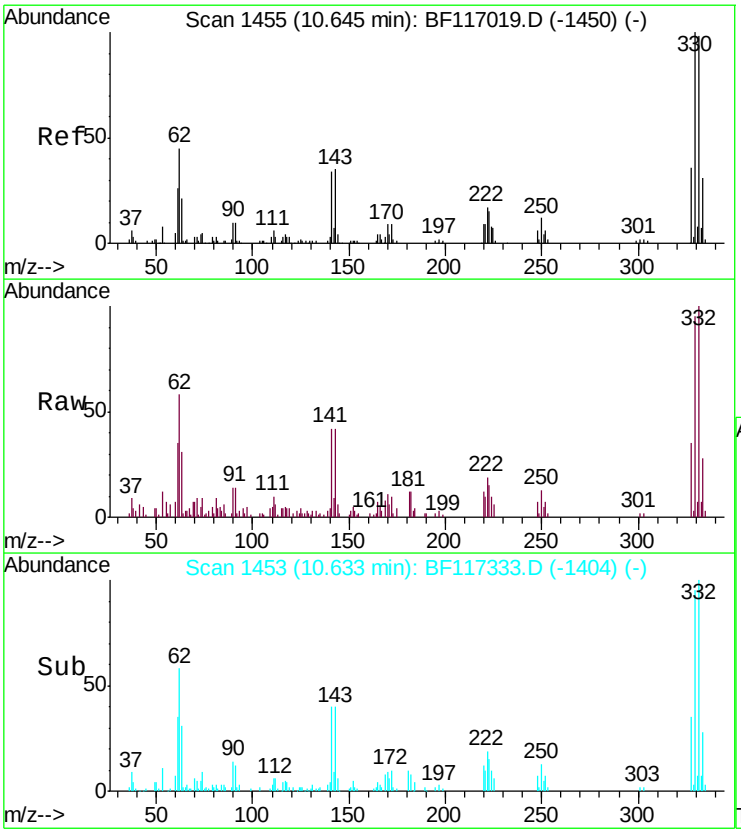
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:164 Resp: 73043

Ion	Ratio	Lower	Upper
164	100		
162	99.0	83.4	125.2
160	42.7	36.4	54.6

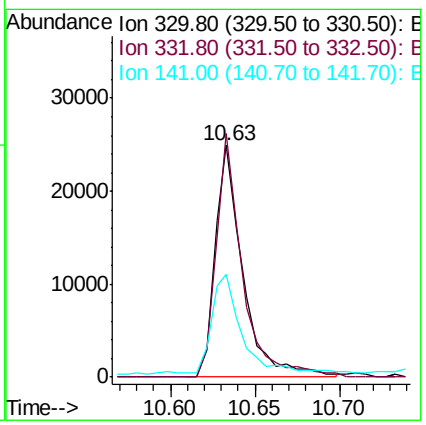


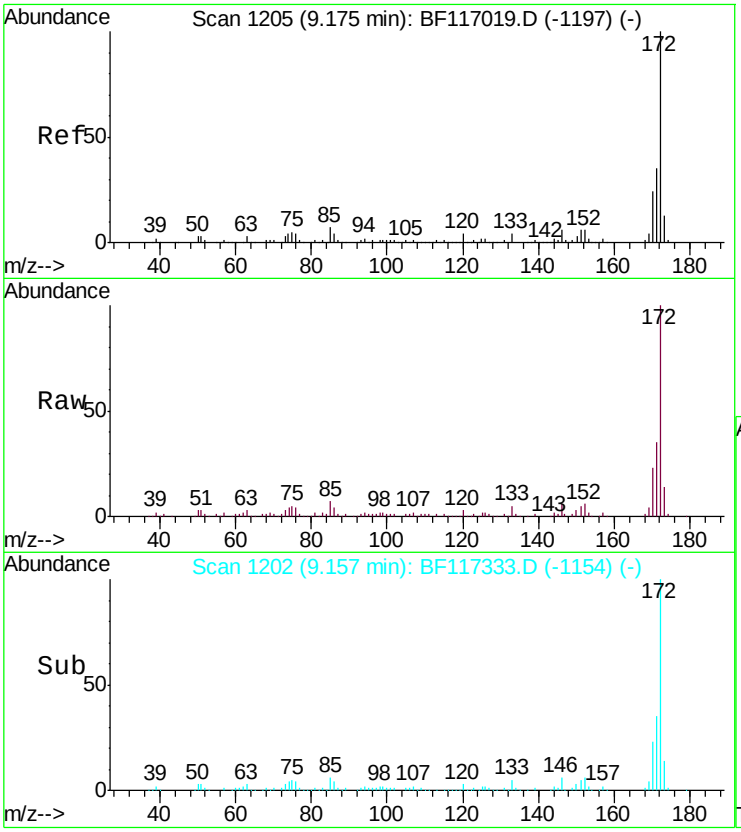


#42
2,4,6-Tribromophenol
Concen: 46.885 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:330 Resp: 28622

Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.0	117.0
141	45.8	35.8	53.6



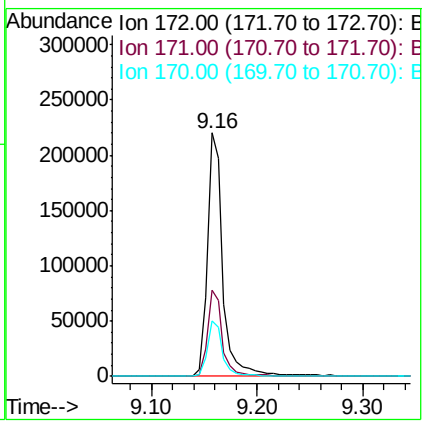


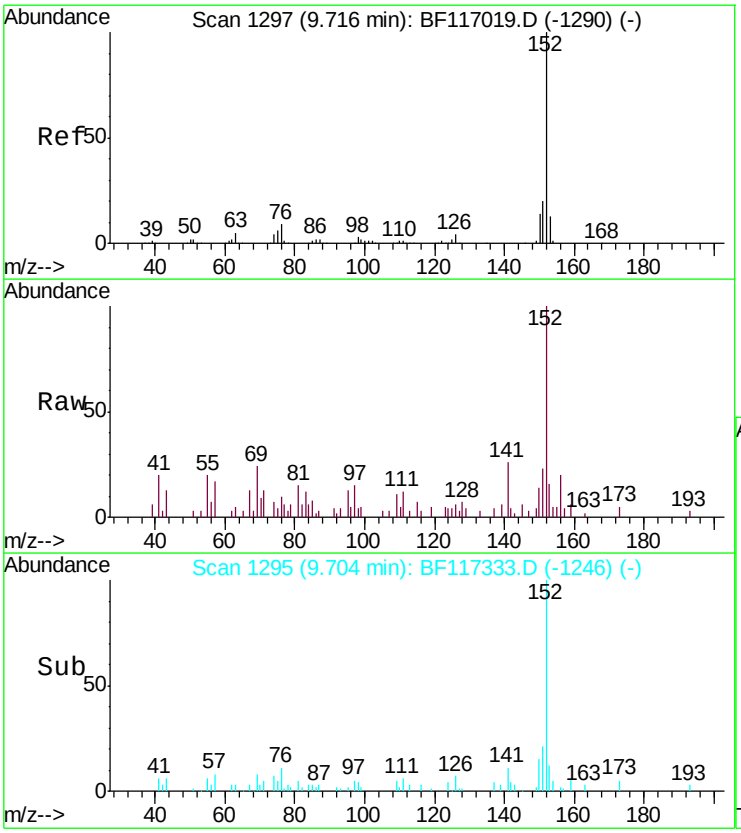
#45
2-Fluorobiphenyl
Concen: 48.394 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:172 Resp: 226076

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	22.8	18.9	28.3

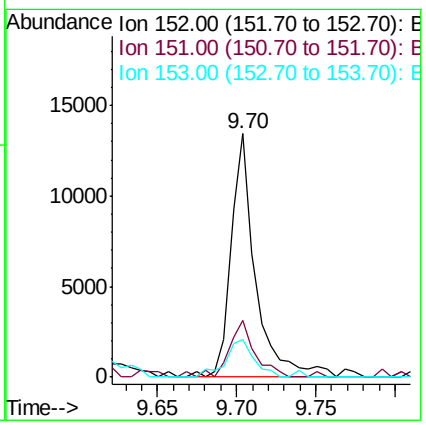


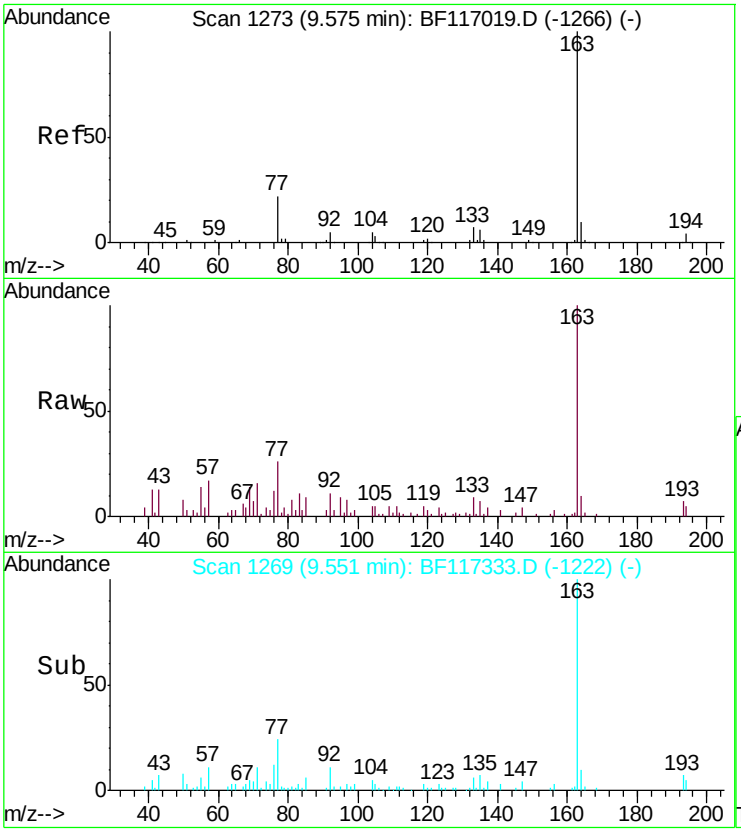


#49
Acenaphthylene
Concen: 2.122 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:152 Resp: 14373

Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.2	24.2
153	15.6	10.2	15.4#



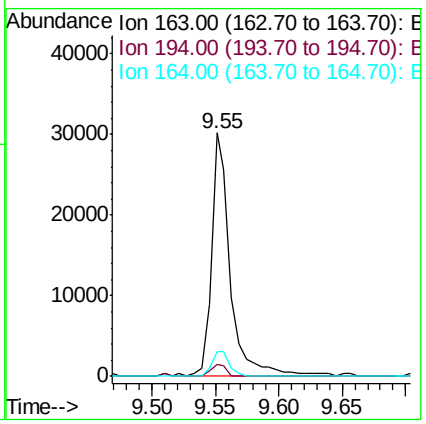


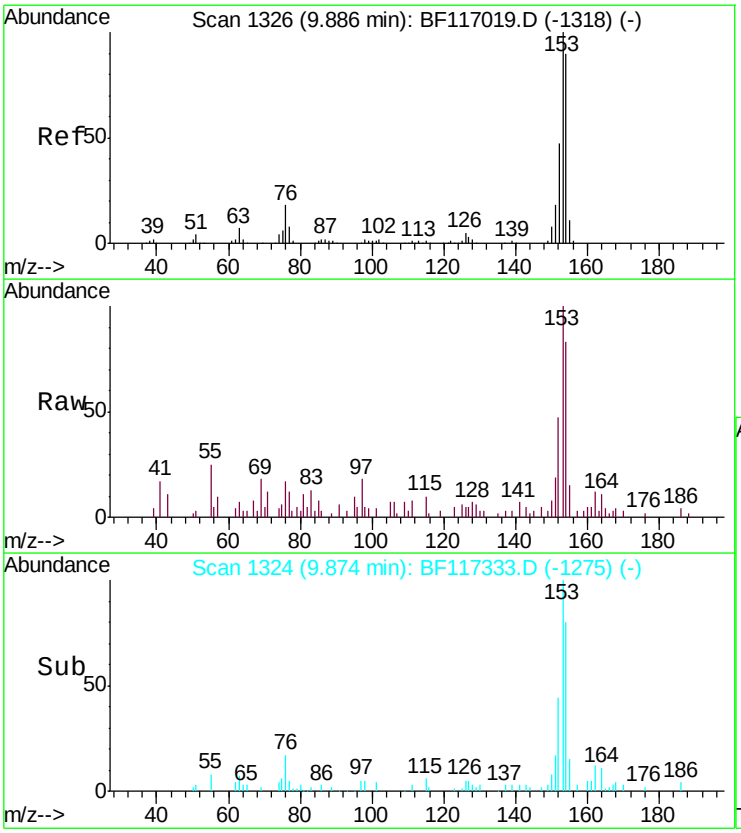
#50
Dimethylphthalate
Concen: 6.136 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:163 Resp: 31732

Ion	Ratio	Lower	Upper
163	100		
194	4.9	2.9	4.3#
164	10.1	8.2	12.4

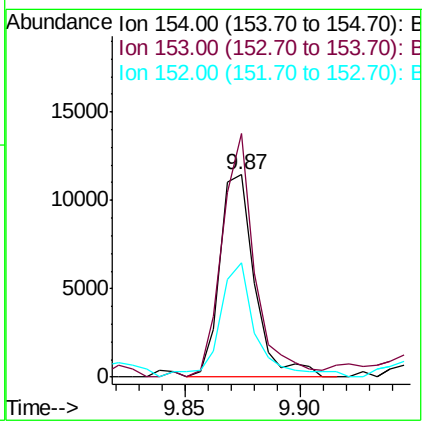


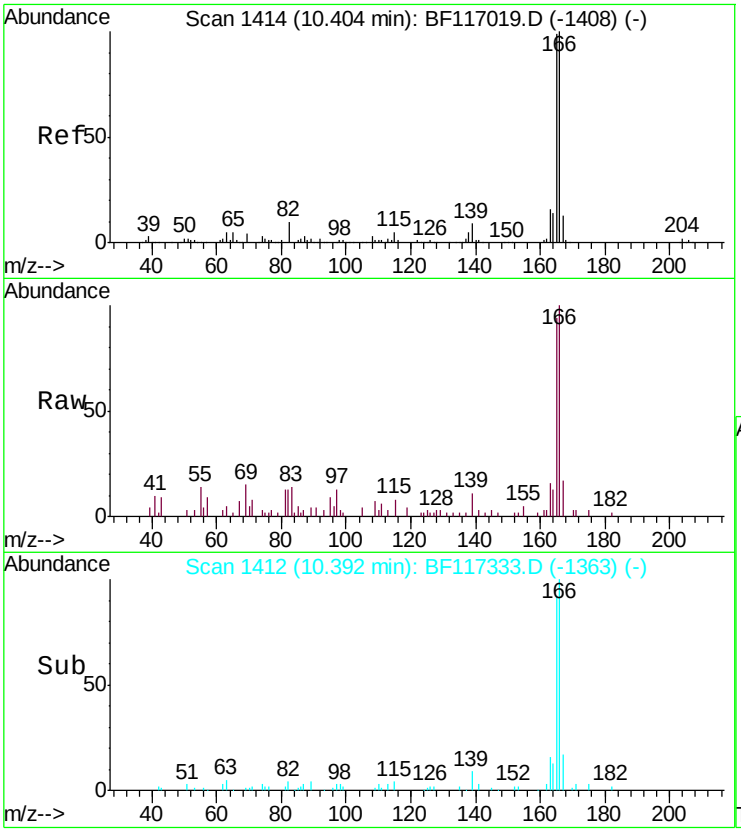


#52
Acenaphthene
Concen: 3.001 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:154 Resp: 12052

Ion	Ratio	Lower	Upper
154	100		
153	120.3	89.0	133.6
152	56.2	41.9	62.9



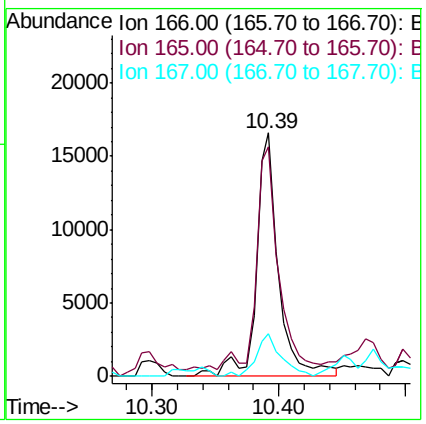


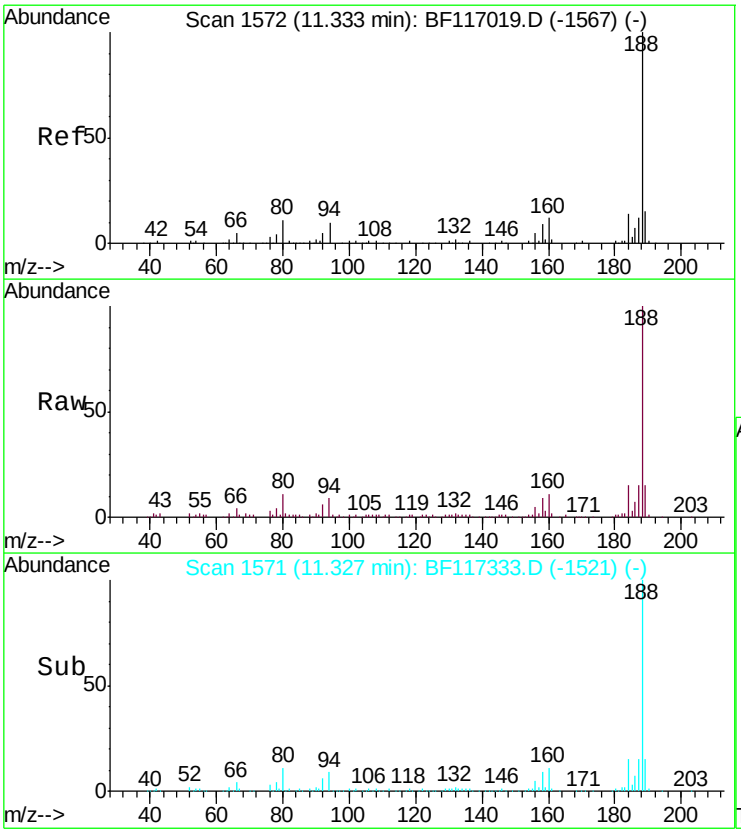
#58
Fluorene
Concen: 4.265 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:166 Resp: 20352

Ion	Ratio	Lower	Upper
166	100		
165	94.3	78.9	118.3
167	17.4	10.6	15.8#

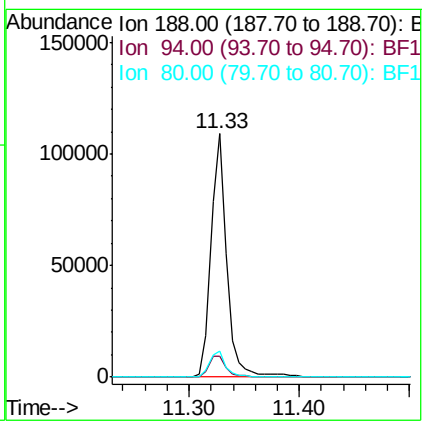


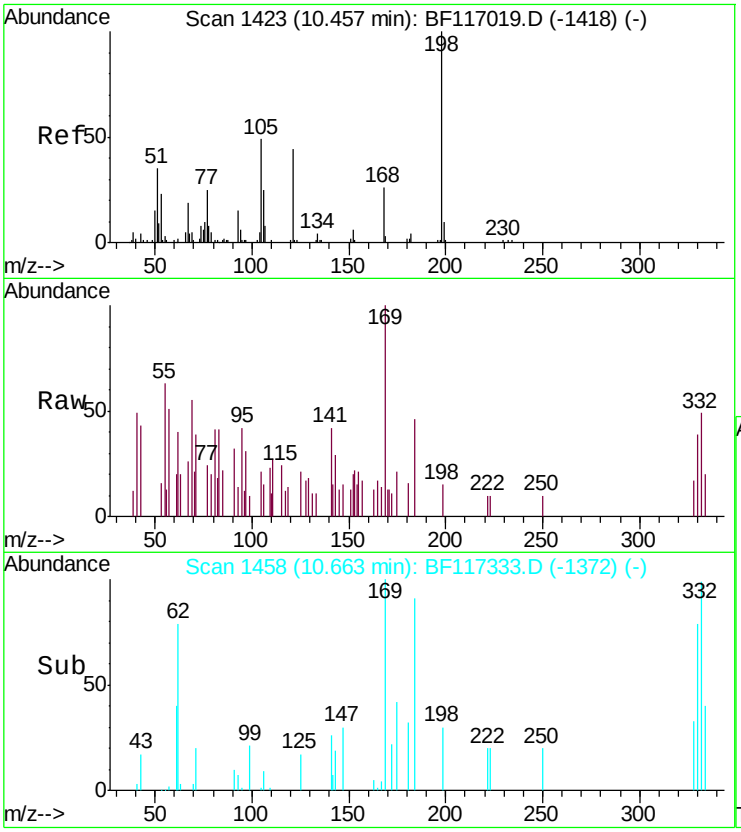


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:188 Resp: 106571

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	10.9	9.0	13.6



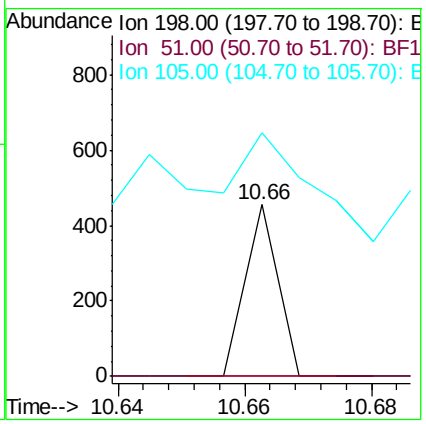


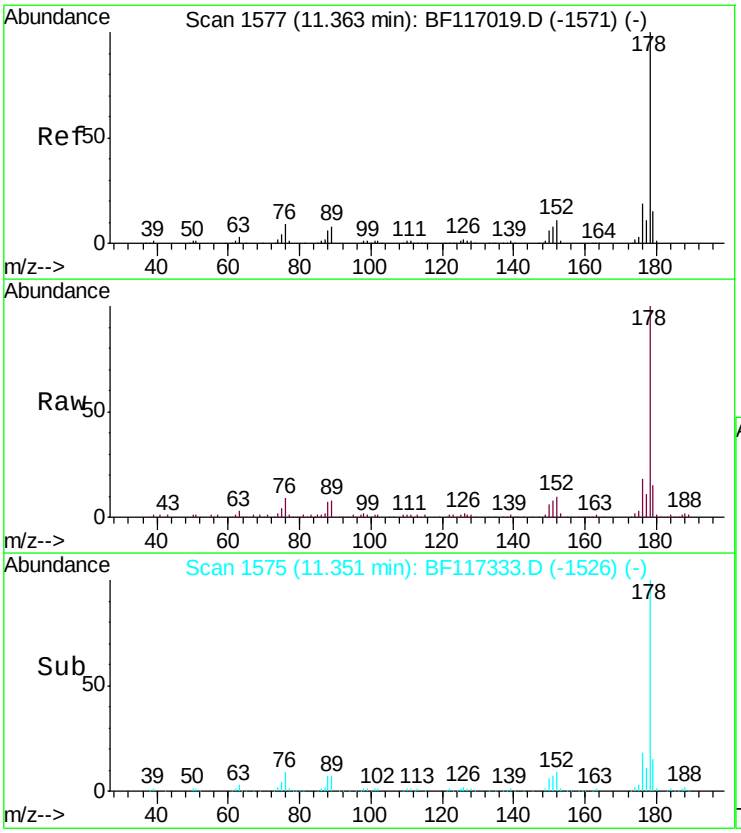
#65
4,6-Dinitro-2-methylphenol
Concen: 7.186 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.21 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:198 Resp: 161

Ion	Ratio	Lower	Upper
198	100		
51	0.0	18.7	58.7#
105	142.0	30.2	70.2#

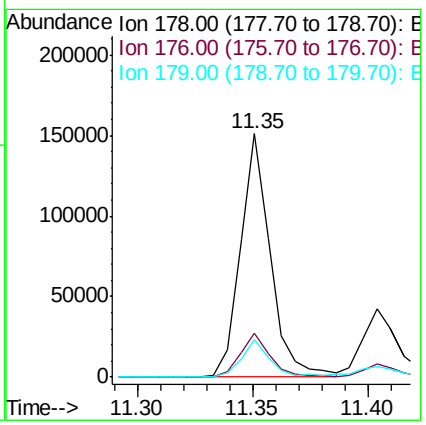


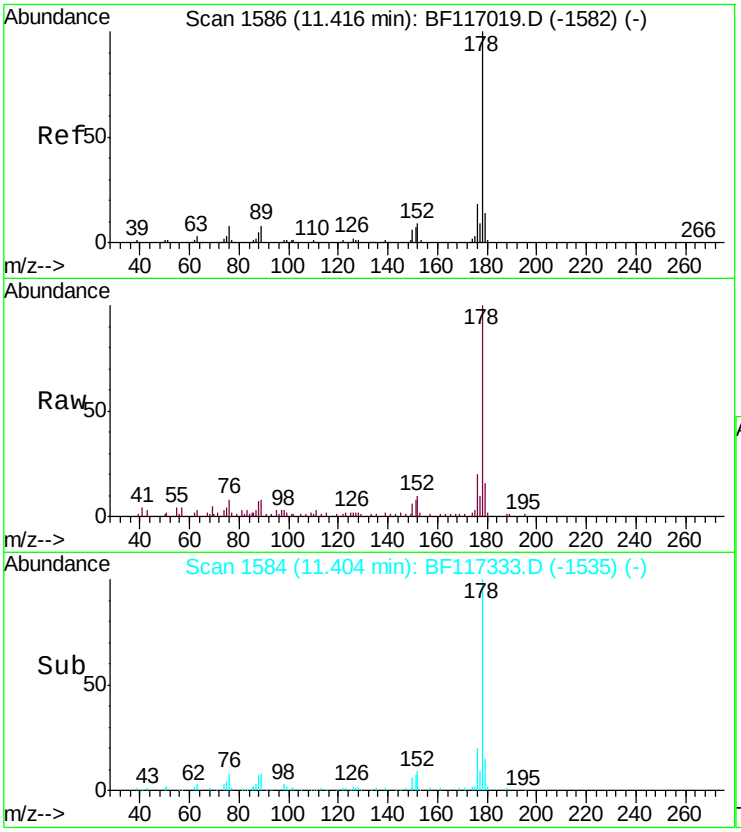


#71
Phenanthrene
Concen: 22.616 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:178 Resp: 136901

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.3	12.4	18.6



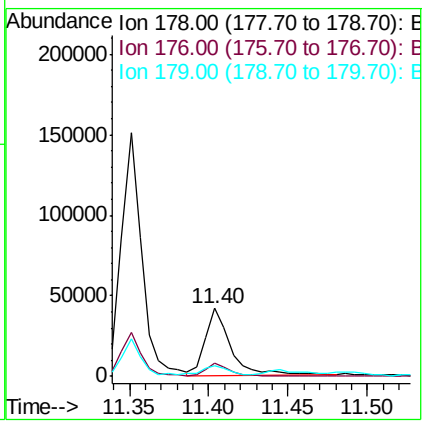


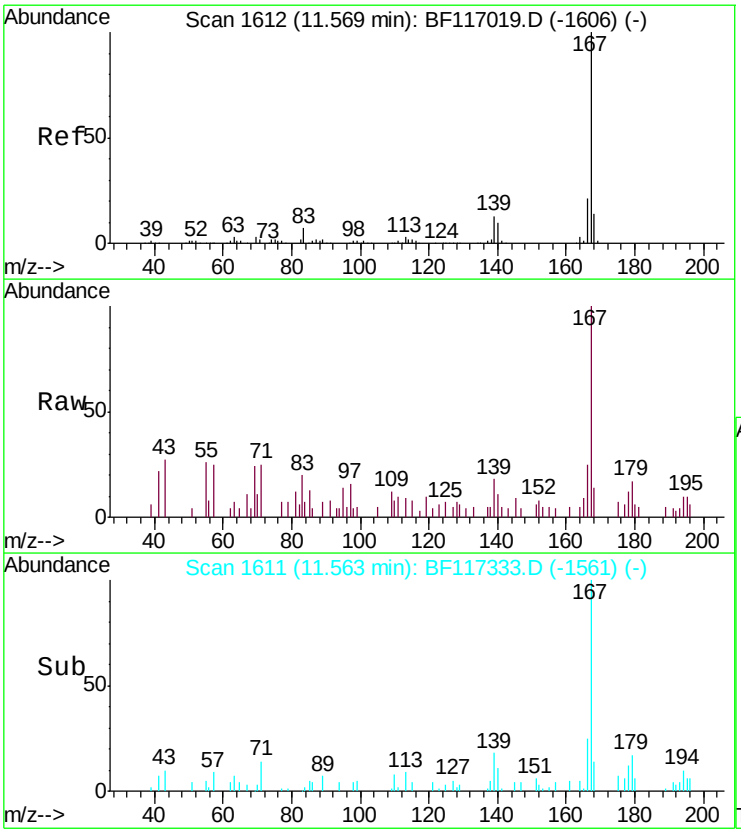
#72
Anthracene
Concen: 7.588 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:178 Resp: 46891

Ion	Ratio	Lower	Upper
178	100		
176	20.0	14.6	21.8
179	16.0	11.6	17.4

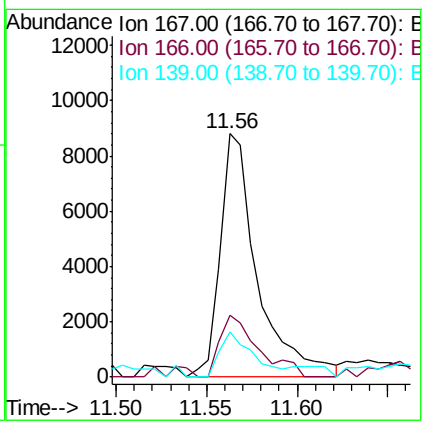


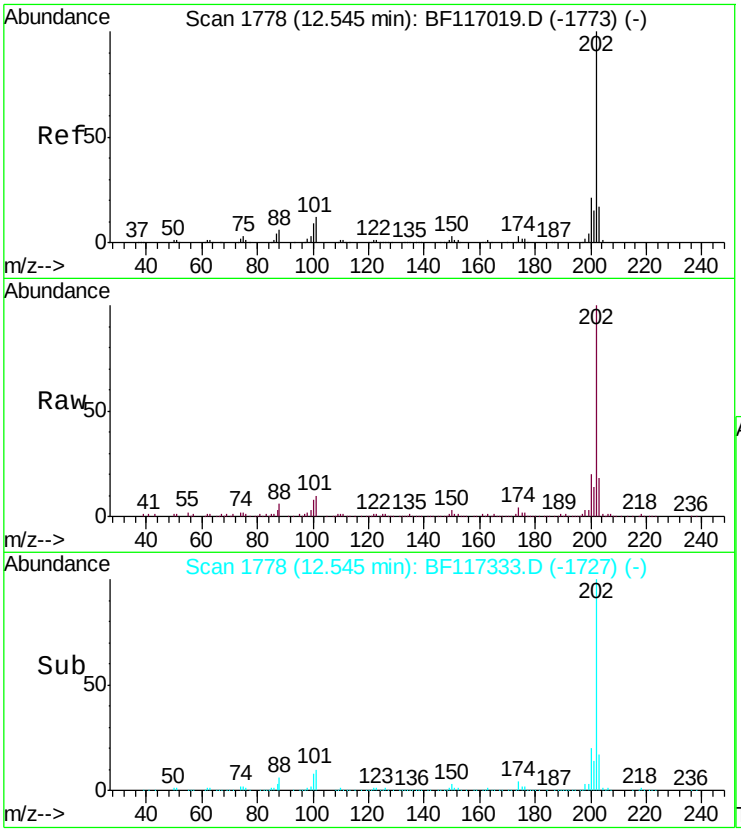


#73
Carbazole
Concen: 2.148 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:167 Resp: 12601

Ion	Ratio	Lower	Upper
167	100		
166	25.2	17.2	25.8
139	18.4	10.6	16.0#



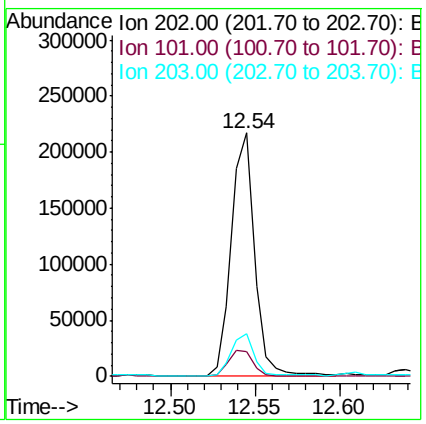


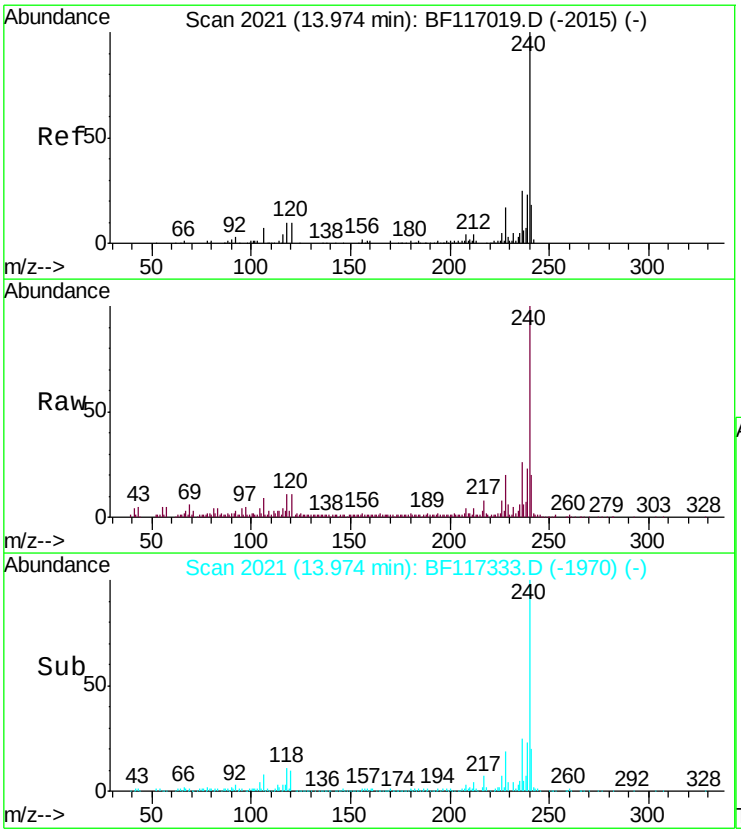
#75
Fluoranthene
Concen: 33.698 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:202 Resp: 209591

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.3
203	17.6	0.0	37.1

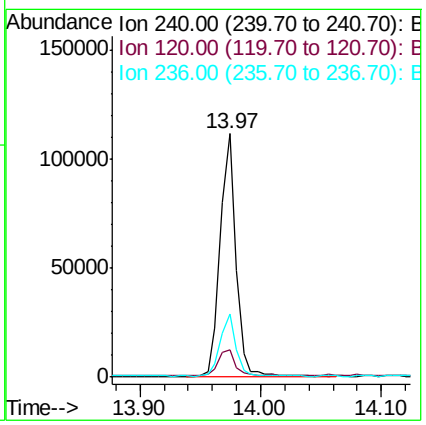


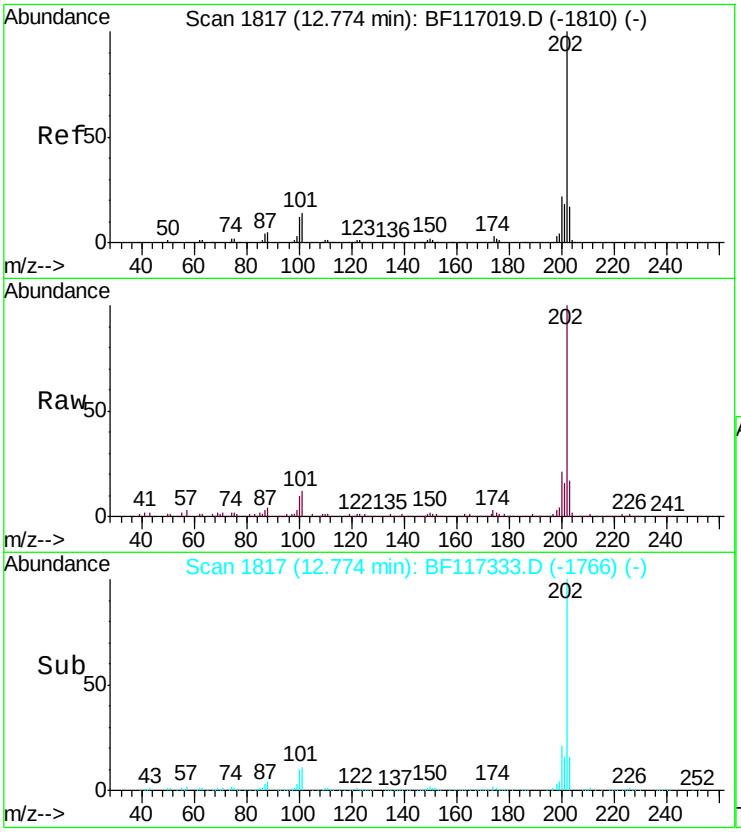


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:240 Resp: 100498

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	26.0	20.3	30.5



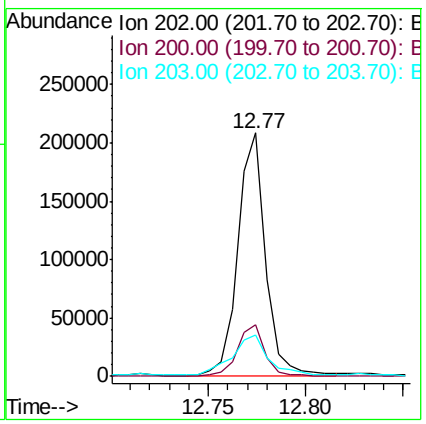


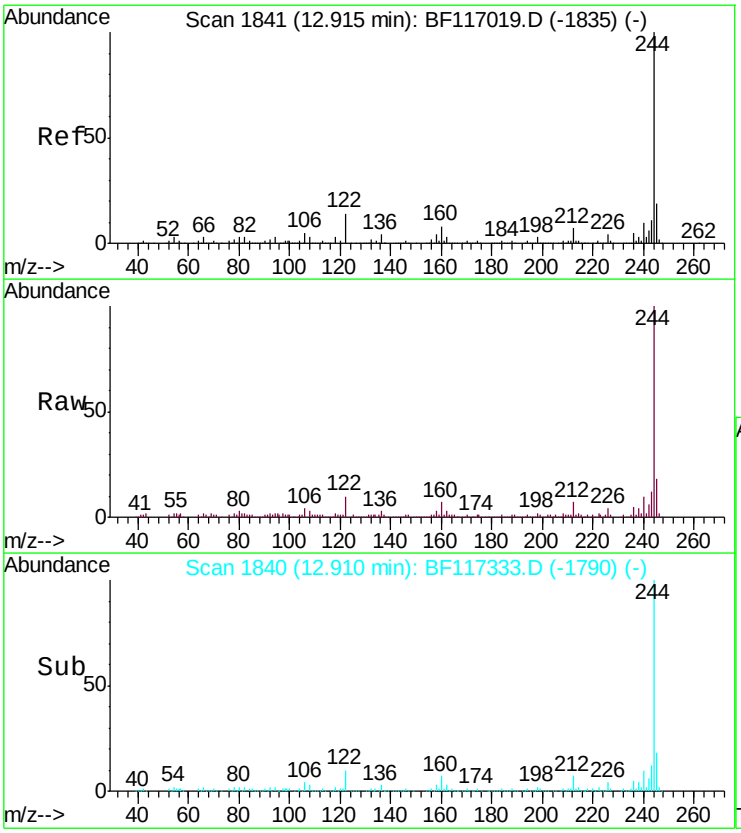
#78
Pyrene
Concen: 24.127 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:202 Resp: 203455

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.0	14.0	21.0

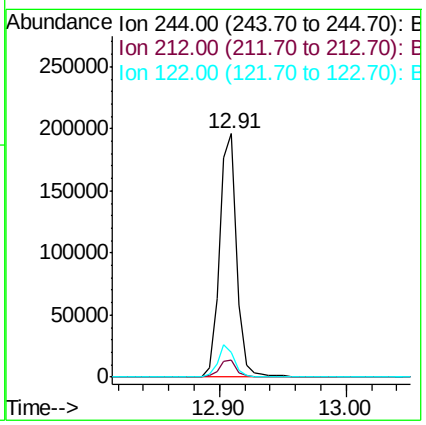


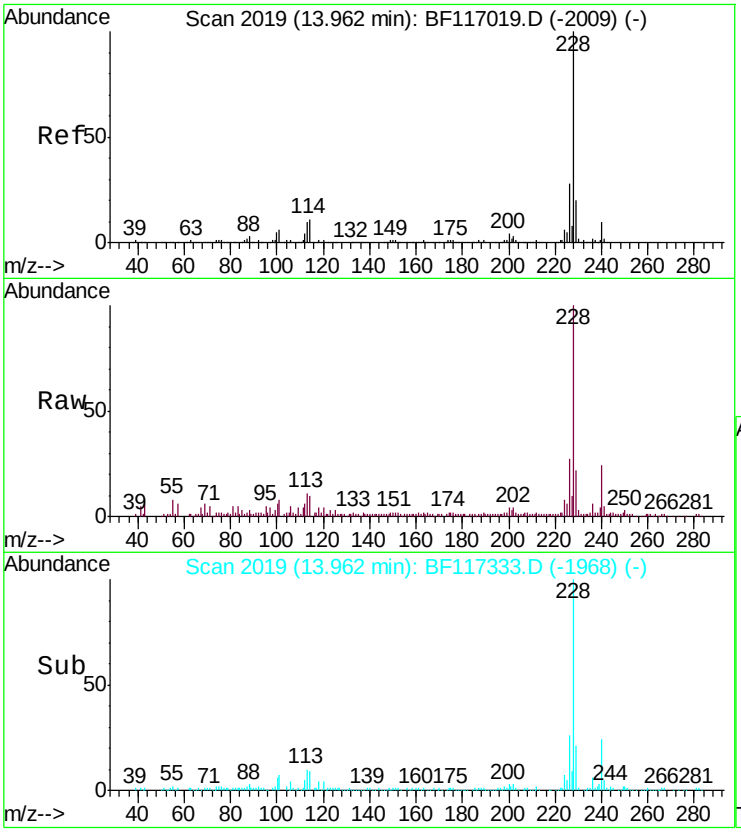


#79
Terphenyl-d14
Concen: 34.501 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:244 Resp: 185494

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.3	11.3	16.9#



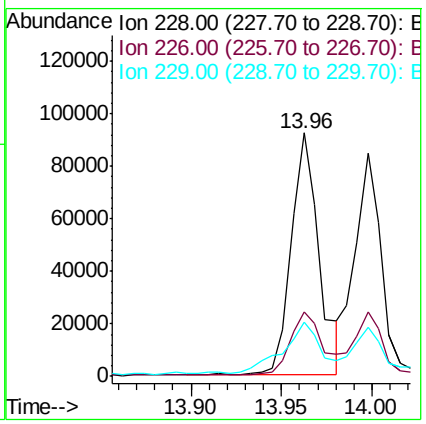


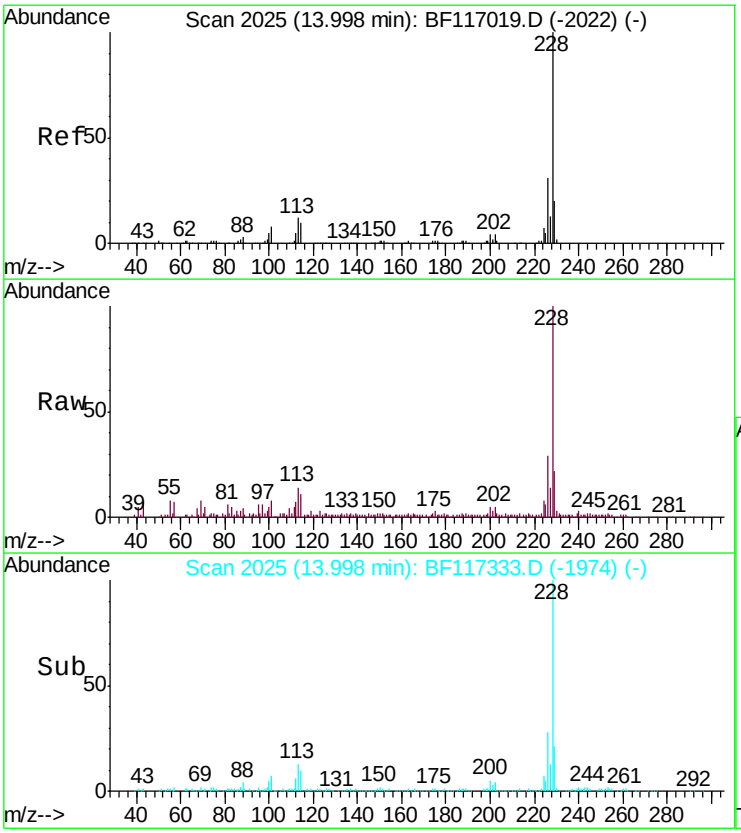
#81
Benzo(a)anthracene
Concen: 14.970 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:228 Resp: 100514

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.3	33.5
229	22.1	15.9	23.9

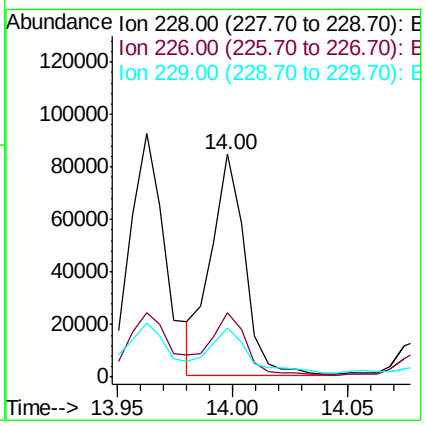


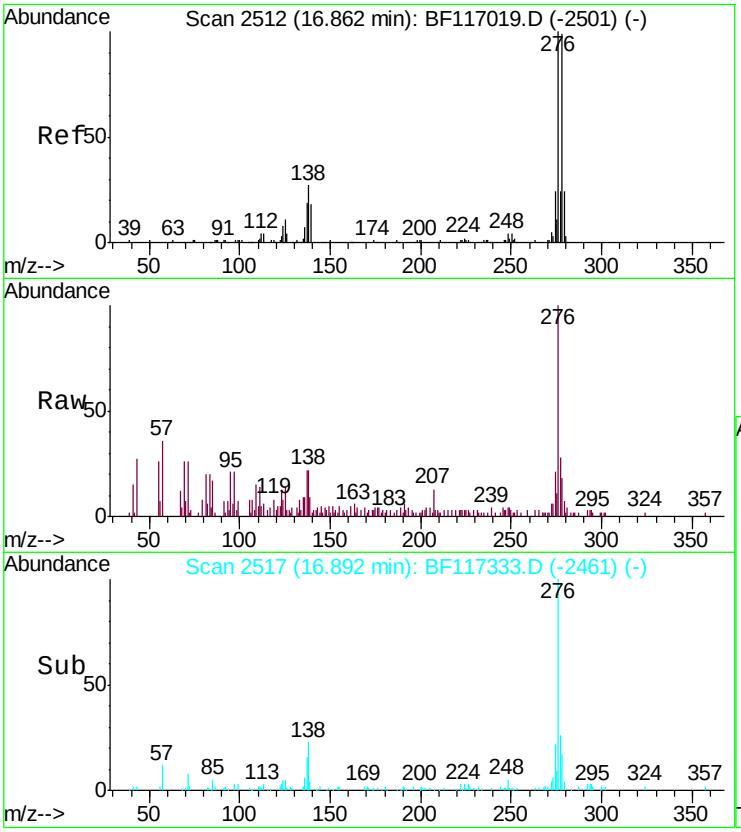


#83
Chrysene
Concen: 13.156 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:228 Resp: 86152

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.8	37.2
229	21.8	15.8	23.8



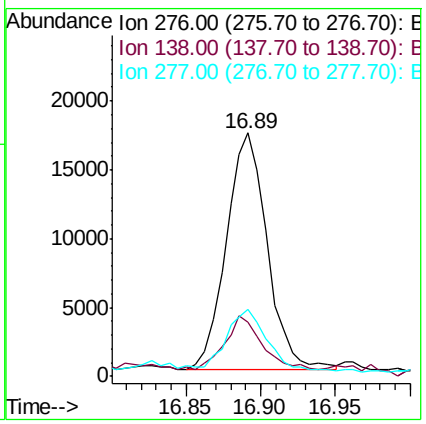


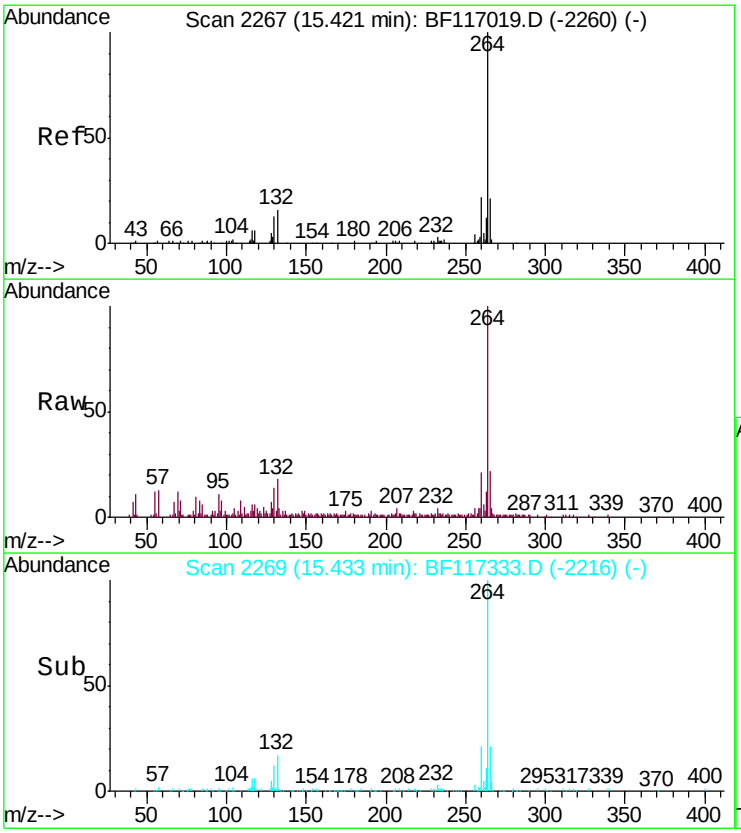
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.850 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:276 Resp: 32728

Ion	Ratio	Lower	Upper
276	100		
138	20.3	20.7	31.1#
277	25.2	19.8	29.8

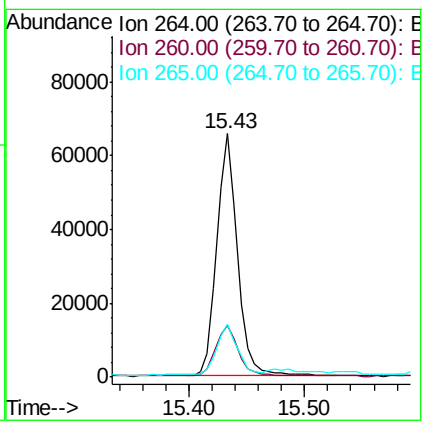


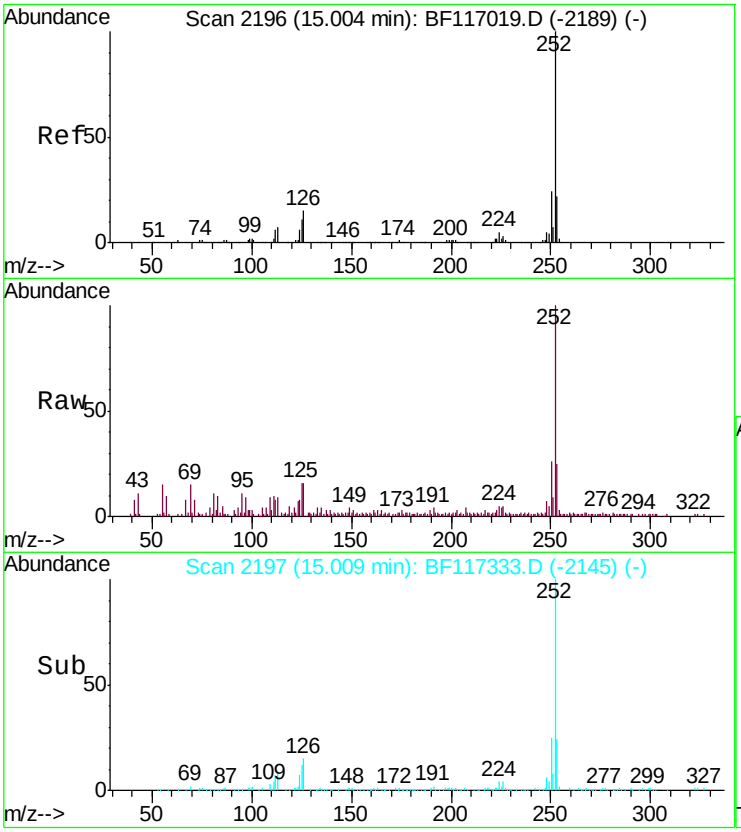


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:264 Resp: 81667

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.6	26.4
265	21.7	16.6	24.8



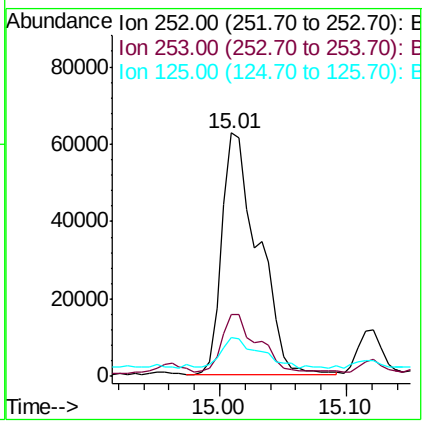


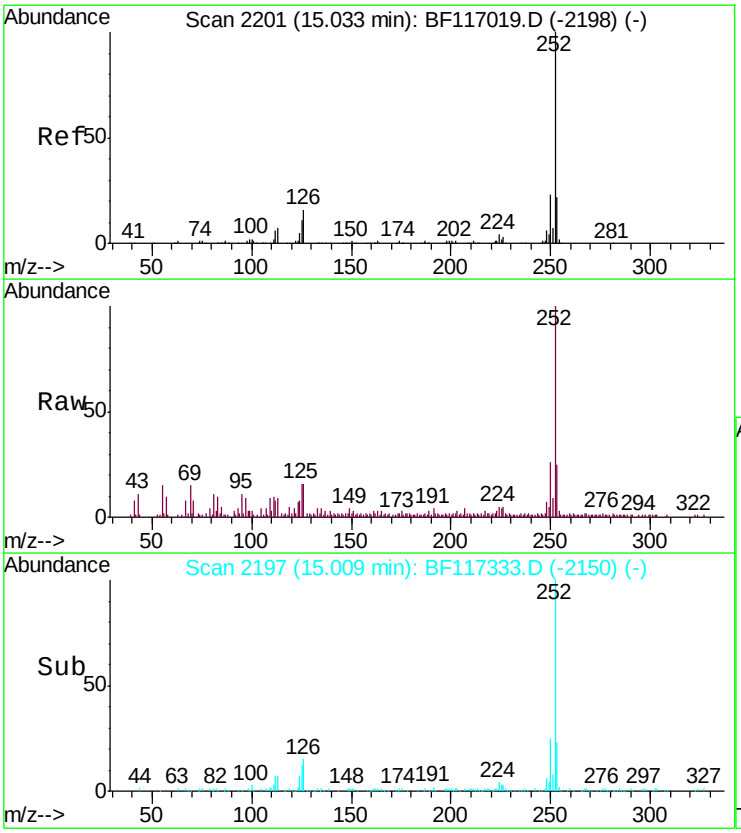
#88
Benzo(b)fluoranthene
Concen: 25.168 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:252 Resp: 124501

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.6	26.4
125	16.1	8.6	12.8#

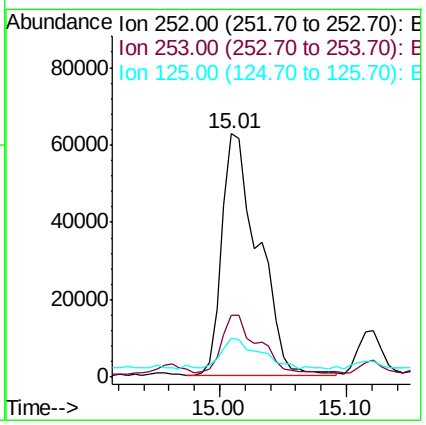


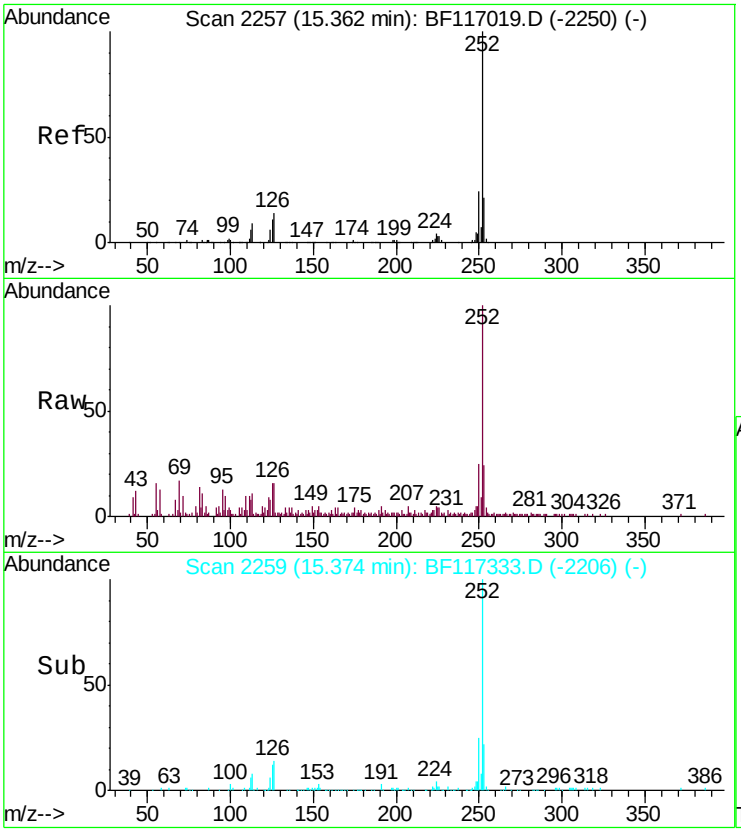


#89
Benzo(k)fluoranthene
Concen: 26.568 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:252 Resp: 124501

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.4	26.2
125	16.1	8.8	13.2#



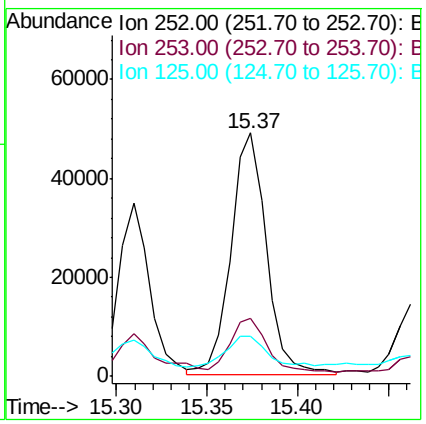


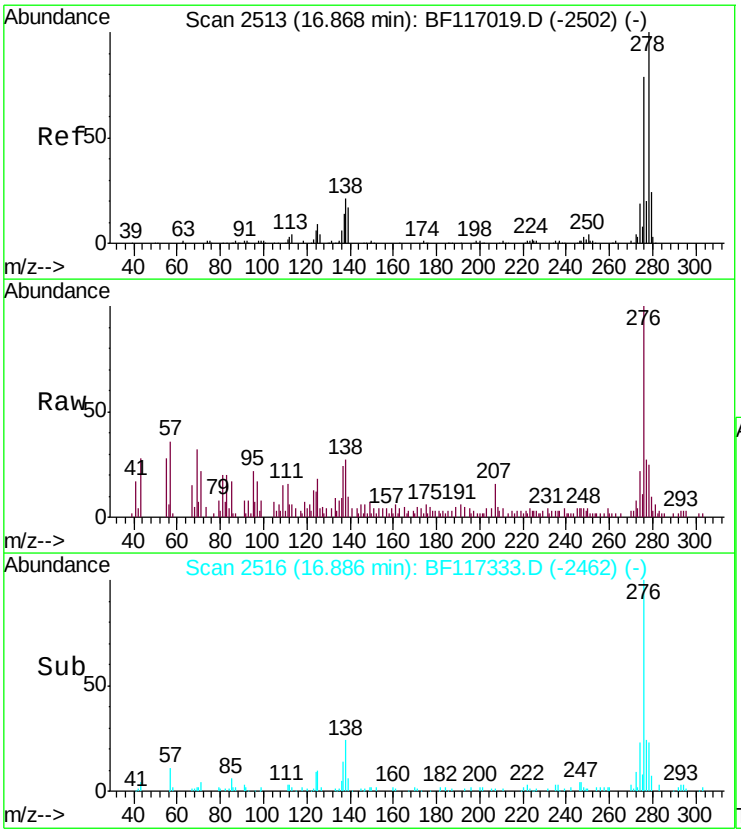
#90
Benzo(a)pyrene
Concen: 15.249 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:252 Resp: 66195

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.6	25.0
125	16.3	8.9	13.3#

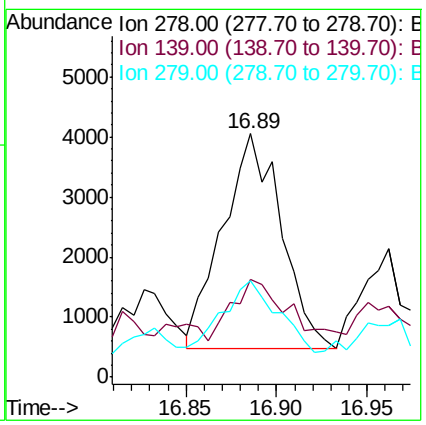


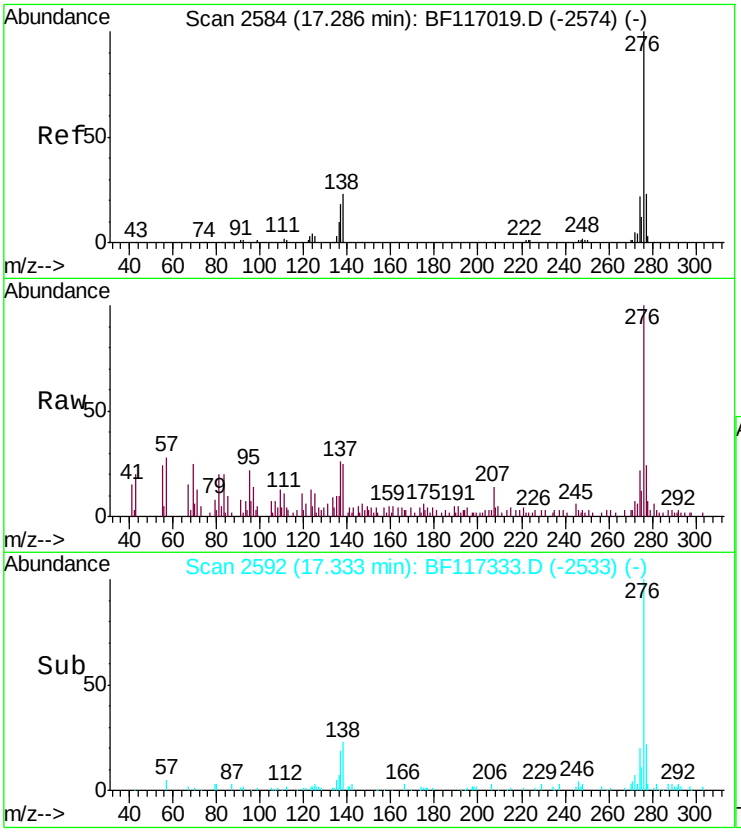


#91
Dibenzo(a,h)anthracene
Concen: 2.317 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Tgt Ion:278 Resp: 8014

Ion	Ratio	Lower	Upper
278	100		
139	40.2	13.5	20.3#
279	39.5	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 9.959 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.05 min
Lab File: BF117333.D
Acq: 3 Oct 2019 22:51

Instrument :
BNA_F
ClientSampleId :
OR-02-100119RE

Tgt Ion:276 Resp: 34319

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	24.7	18.0	27.0