Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117580.D
Acq On : 29 Oct 2019 10:30
Operator : JU
Sample : K5563-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 01:17:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	50094	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	207137	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	103347	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	147377	20.00	ng		0.00
76) Chrysene-d12	13.89	240	86035	20.00	ng		0.00
87) Perylene-d12	15.33	264	103298	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	245487	72.91	ng		0.00
7) Phenol-d6	6.39	99	335924	74.28	ng		0.00
23) Nitrobenzene-d5	7.29	82	195039	46.48	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	52184	58.36	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	282726	38.55	ng		-0.01
79) Terphenyl-d14	12.83	244	177836	33.72	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.28	77	626	Below Cal		#	1
10) Phenol	6.40	94	12065	2.614	ng		85
17) 2-Methylphenol	7.18	107	23113	7.908	ng	#	70
18) Hexachloroethane	7.26	117	8406	5.354	ng	#	1
20) 3+4-Methylphenols	7.18	107	23879	6.231	ng	#	57
31) Naphthalene	8.03	128	24144	2.352	ng	#	84
50) Dimethylphthalate	9.48	163	56107	7.615	ng		97
56) 4-Nitrophenol	9.97	139	1383	5.658	ng	#	6
57) 2,4-Dinitrotoluene	9.76	165	13587	6.647	ng	#	15
67) 4-Bromophenyl-phenylether	10.56	248	3457	2.178	ng	#	1
71) Phenanthrene	11.27	178	57473	6.716	ng		98
75) Fluoranthene	12.46	202	106384	12.418	ng		99
77) Benzidine	12.83	184	2640	Below Cal		#	82
78) Pyrene	12.69	202	92373	12.500	ng		99
81) Benzo(a)anthracene	13.88	228	43989	7.580	ng		97
83) Chrysene	13.88	228	43989	7.734	ng		93
86) Indeno(1,2,3-cd)pyrene	16.74	276	32761	7.715	ng		98
88) Benzo(b)fluoranthene	14.92	252	80677	13.226	ng		97
89) Benzo(k)fluoranthene	14.92	252	80677	12.904	ng		96
90) Benzo(a)pyrene	15.27	252	48125	8.677	ng	#	93
92) Benzo(g,h,i)perylene	17.18	276	29462	6.493	ng		98

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

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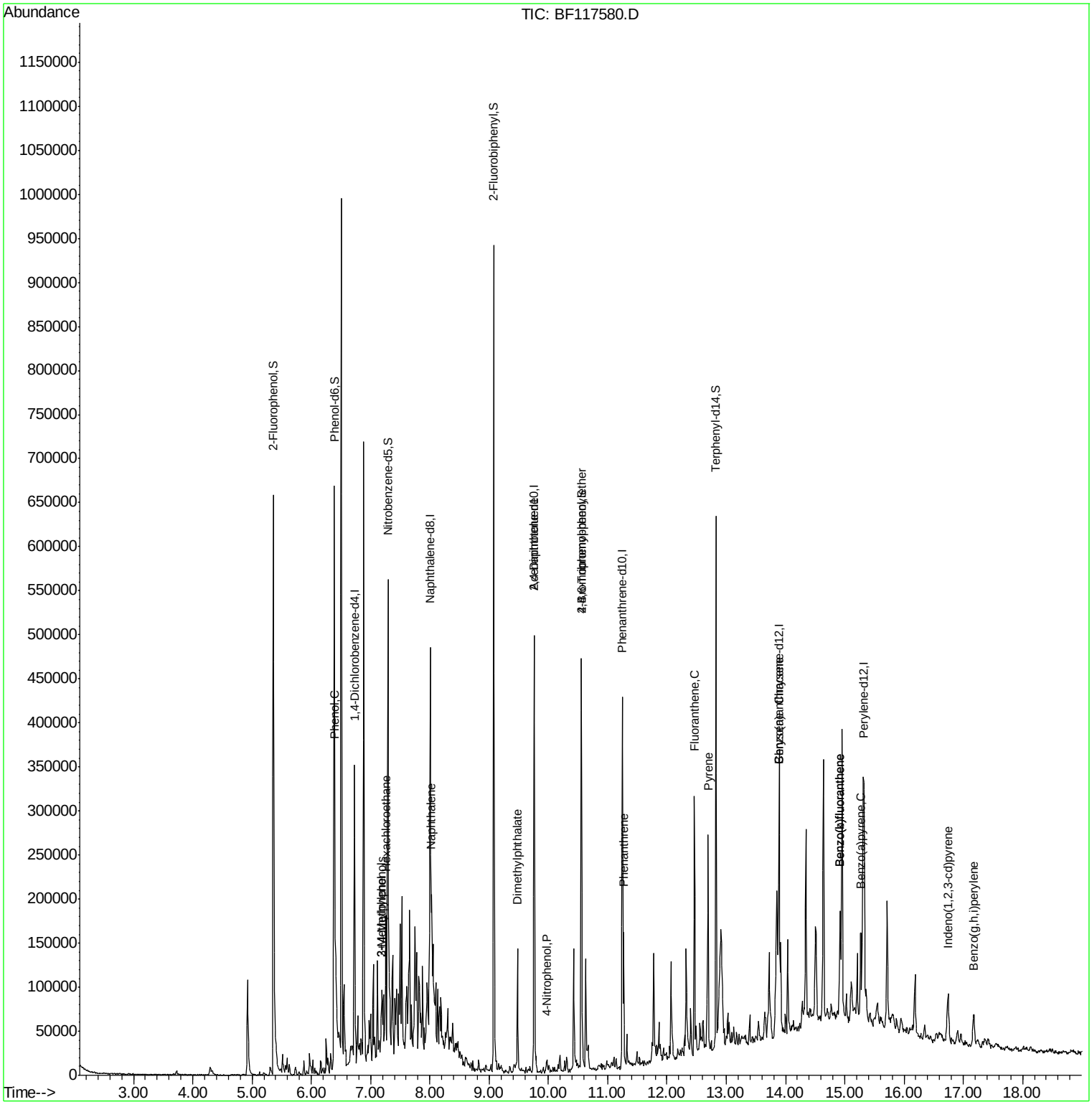
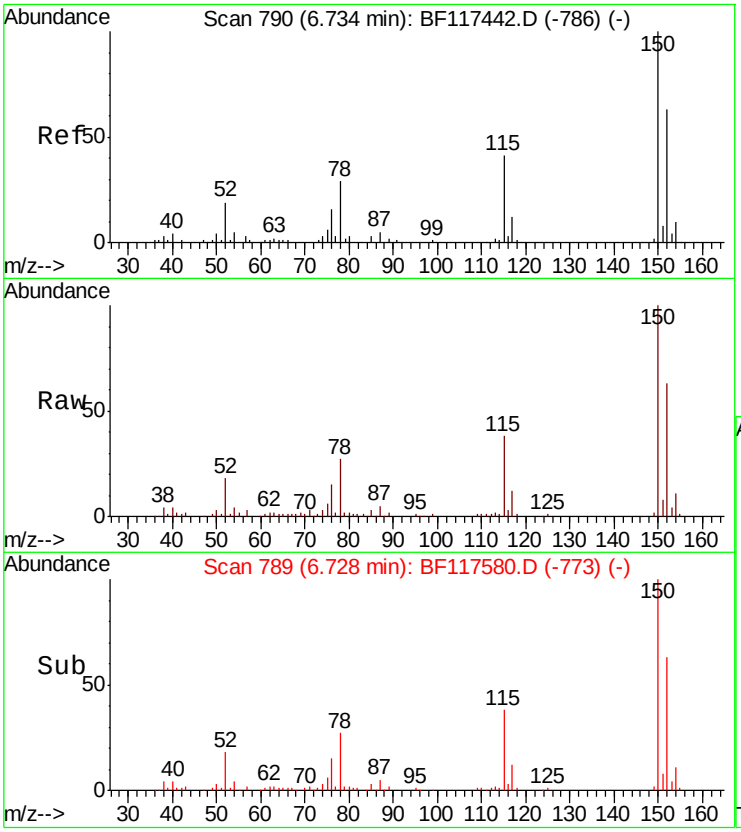


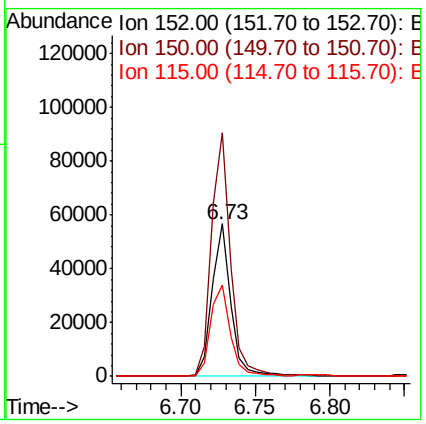


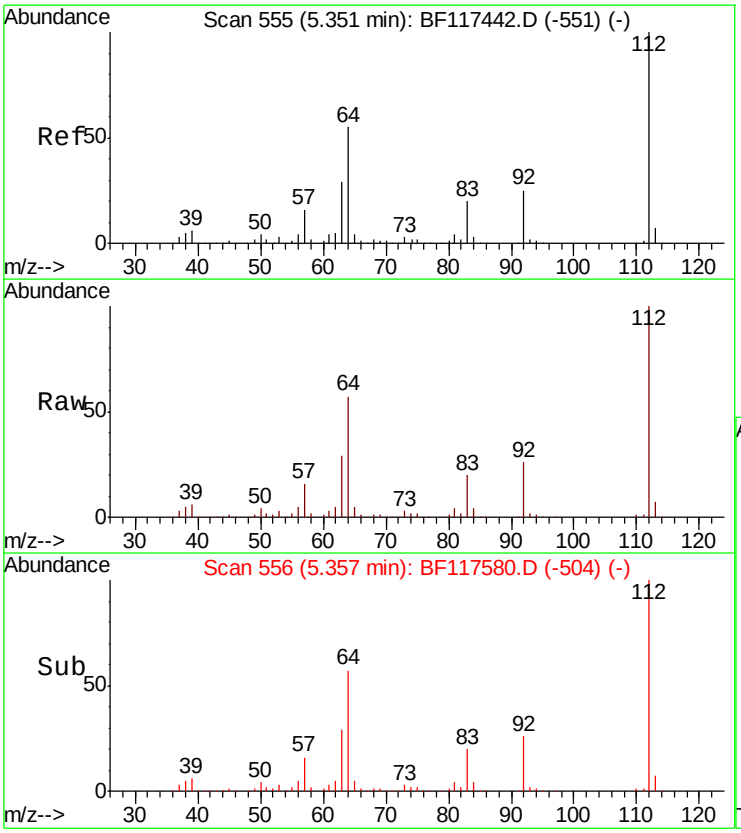
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 50094

Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.8	190.2
115	60.0	51.6	77.4

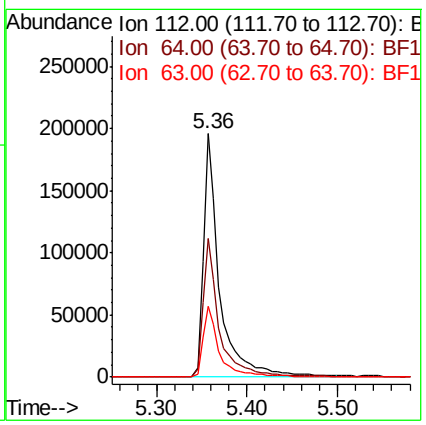


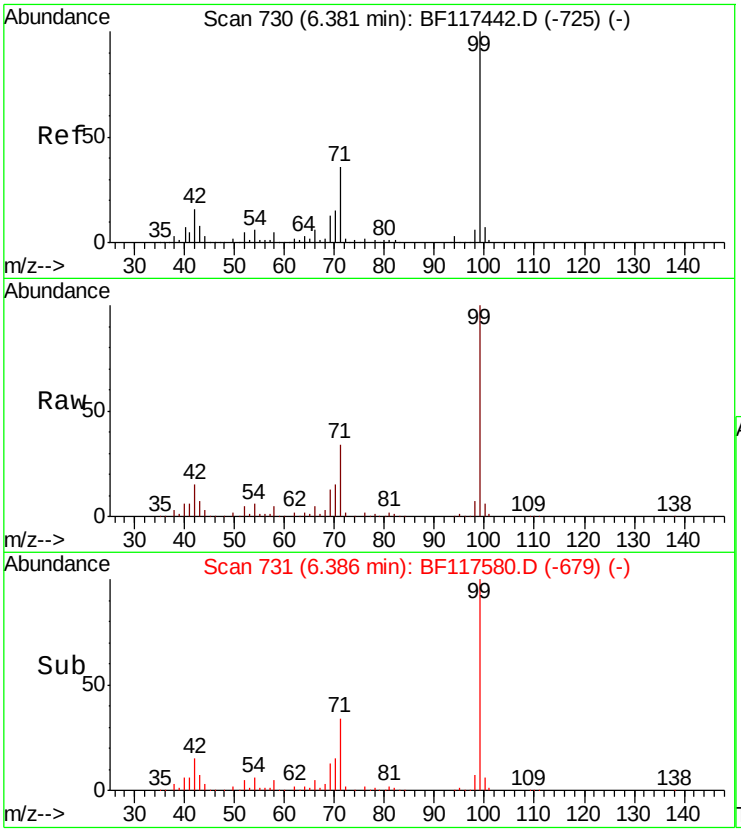


#5
2-Fluorophenol
Concen: 72.905 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:112 Resp: 245487

Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.1	66.1
63	29.1	23.4	35.2



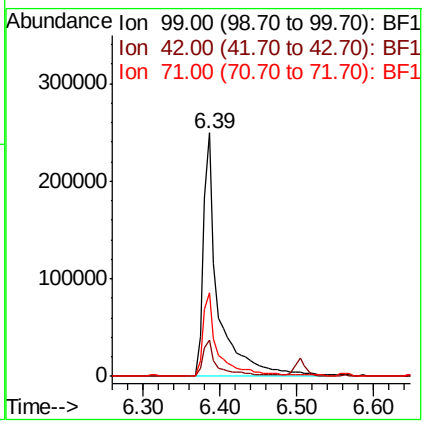


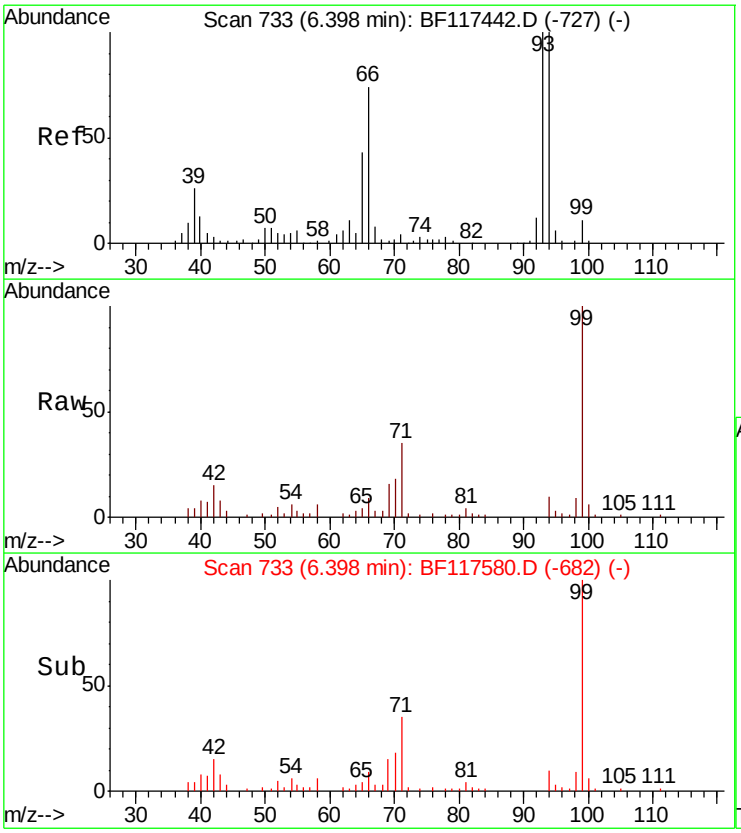
#7
Phenol-d6
Concen: 74.278 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 335924

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.8	19.2
71	34.4	28.6	43.0

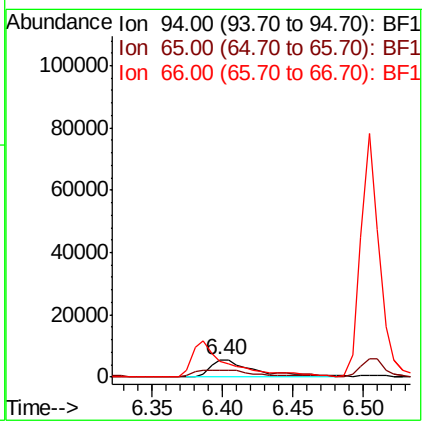


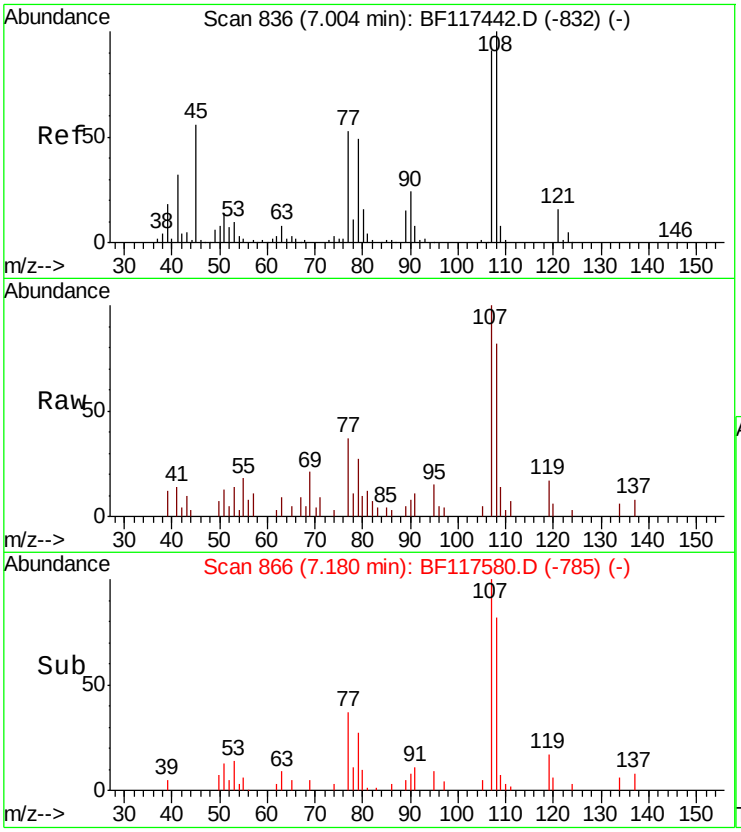


#10
Phenol
Concen: 2.614 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion: 94 Resp: 12065

Ion	Ratio	Lower	Upper
94	100		
65	39.3	23.4	63.4
66	92.1	54.7	94.7



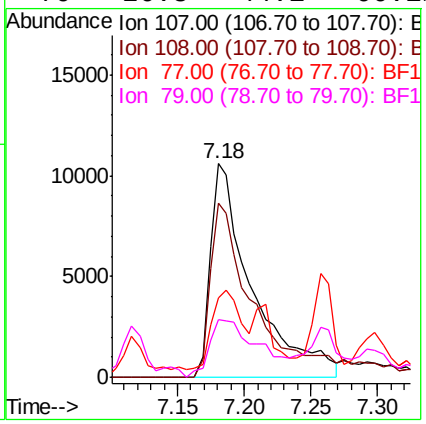


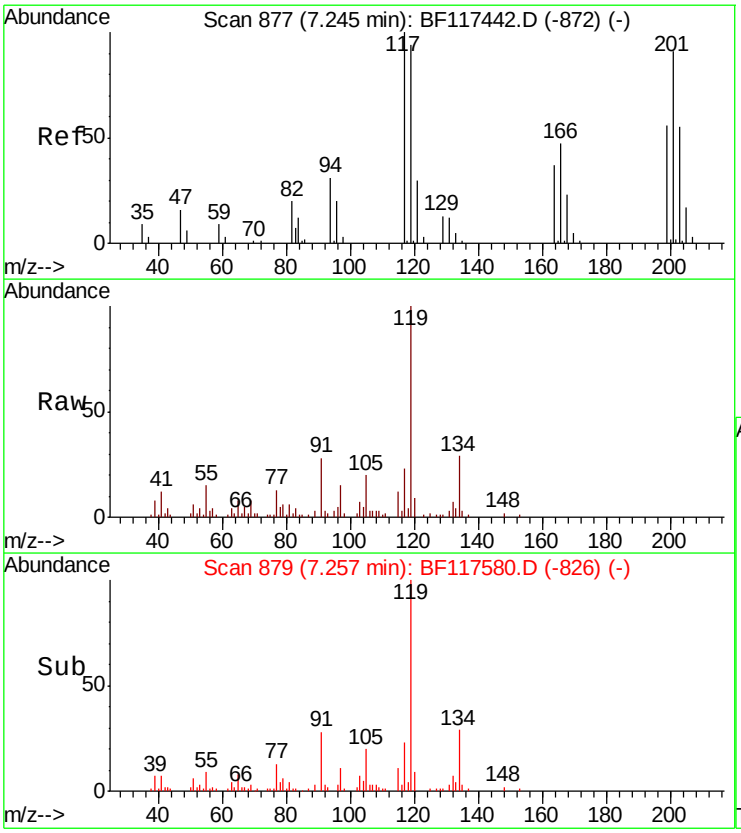
#17
2-Methylphenol
Concen: 7.908 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.18 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 23113

Ion	Ratio	Lower	Upper
107	100		
108	81.6	88.0	132.0#
77	37.2	47.2	70.8#
79	26.8	44.1	66.1#

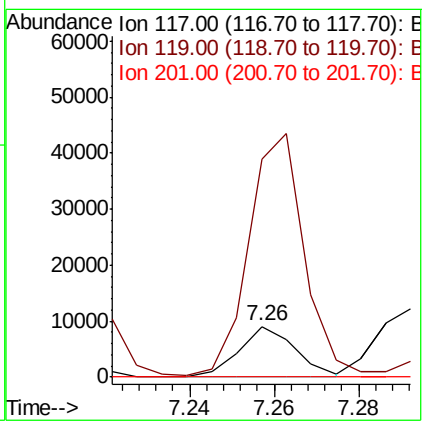


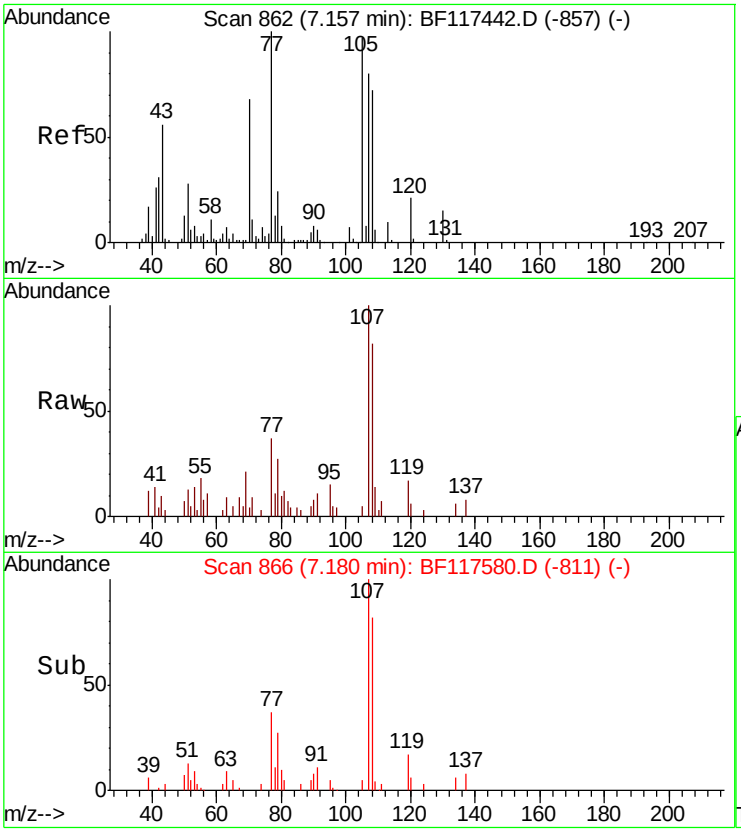


#18
Hexachloroethane
Concen: 5.354 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:117 Resp: 8406

Ion	Ratio	Lower	Upper
117	100		
119	431.1	75.4	113.0#
201	0.0	72.5	108.7#



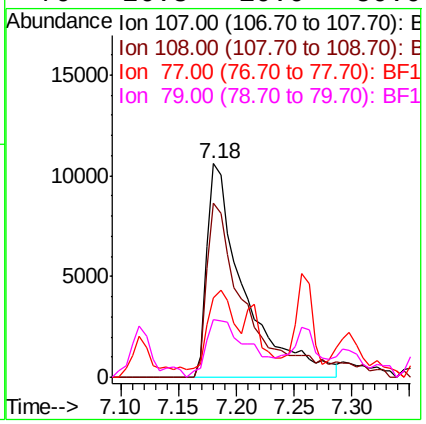


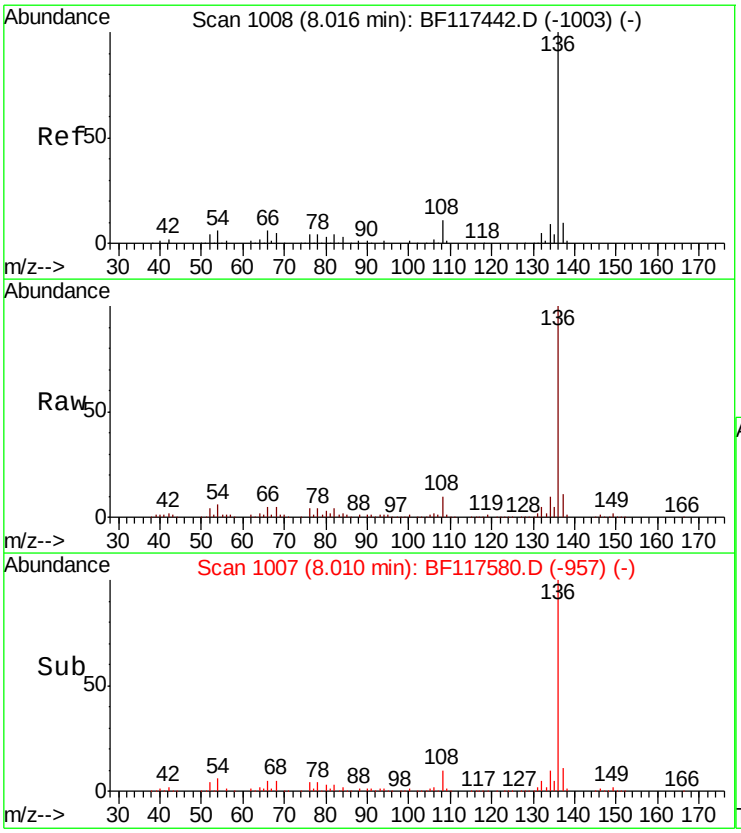
#20
3+4-Methylphenols
Concen: 6.231 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.02 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 23879

Ion	Ratio	Lower	Upper
107	100		
108	81.6	70.3	110.3
77	37.2	104.8	144.8#
79	26.8	10.0	50.0

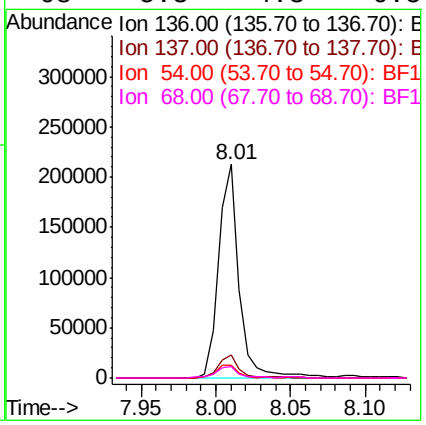


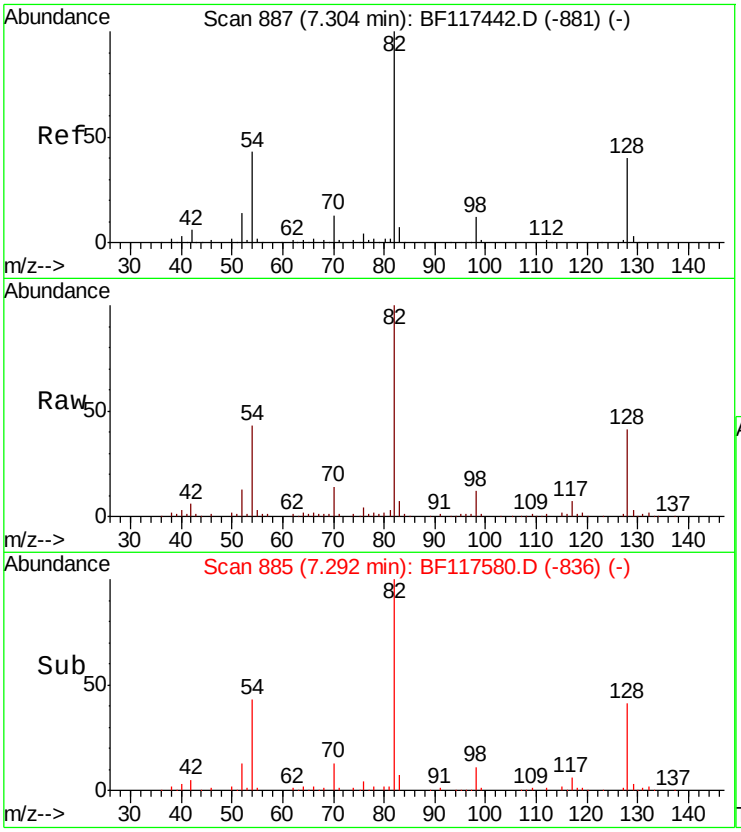


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:136 Resp: 207137

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	6.3	4.5	6.7
68	5.3	4.3	6.5



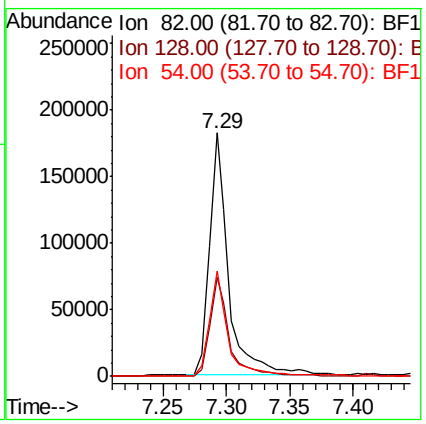


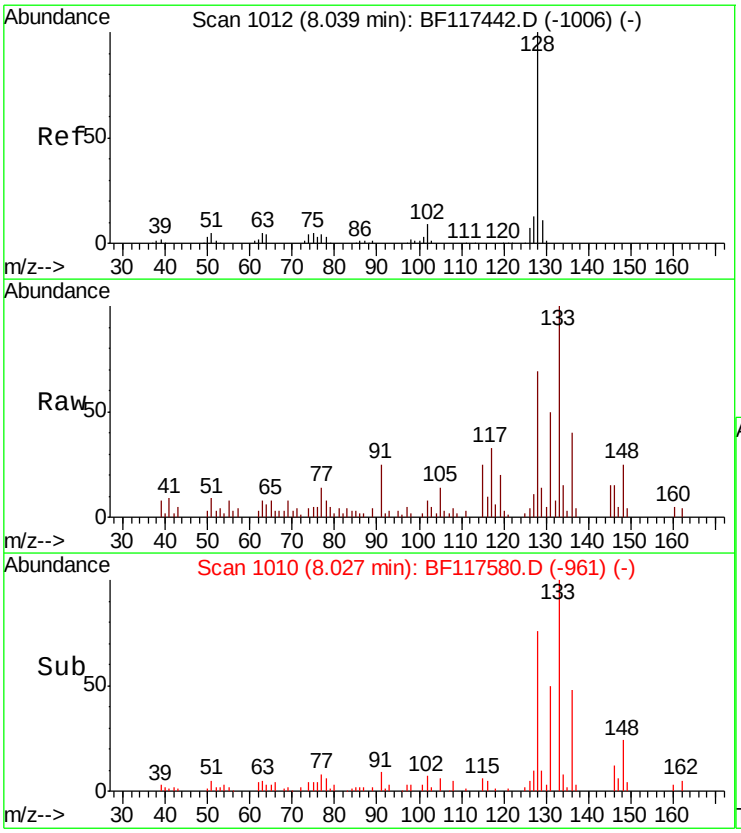
#23
Nitrobenzene-d5
Concen: 46.485 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 195039

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.2	48.2
54	43.1	34.2	51.2

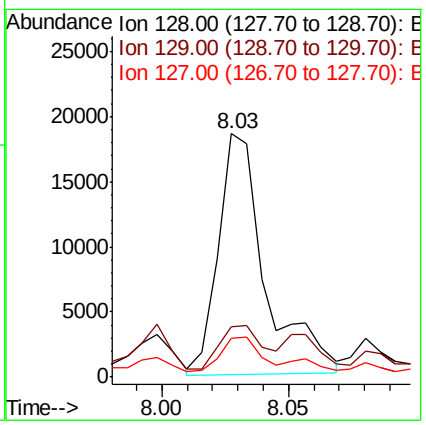


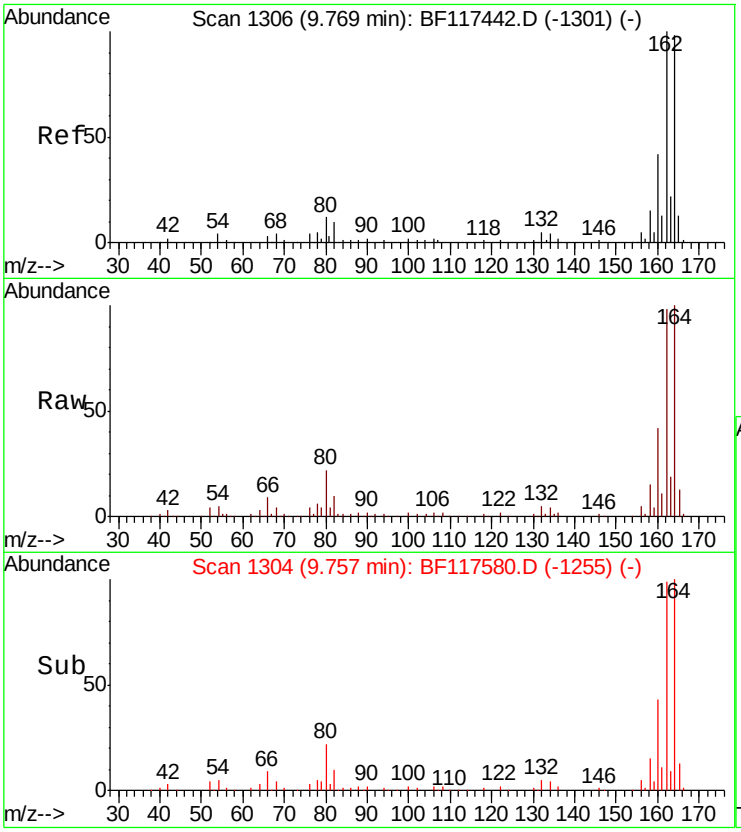


#31
Naphthalene
Concen: 2.352 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:128 Resp: 24144

Ion	Ratio	Lower	Upper
128	100		
129	20.7	9.0	13.4#
127	16.1	10.2	15.2#



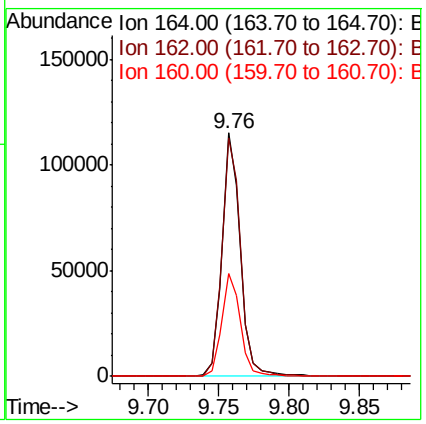


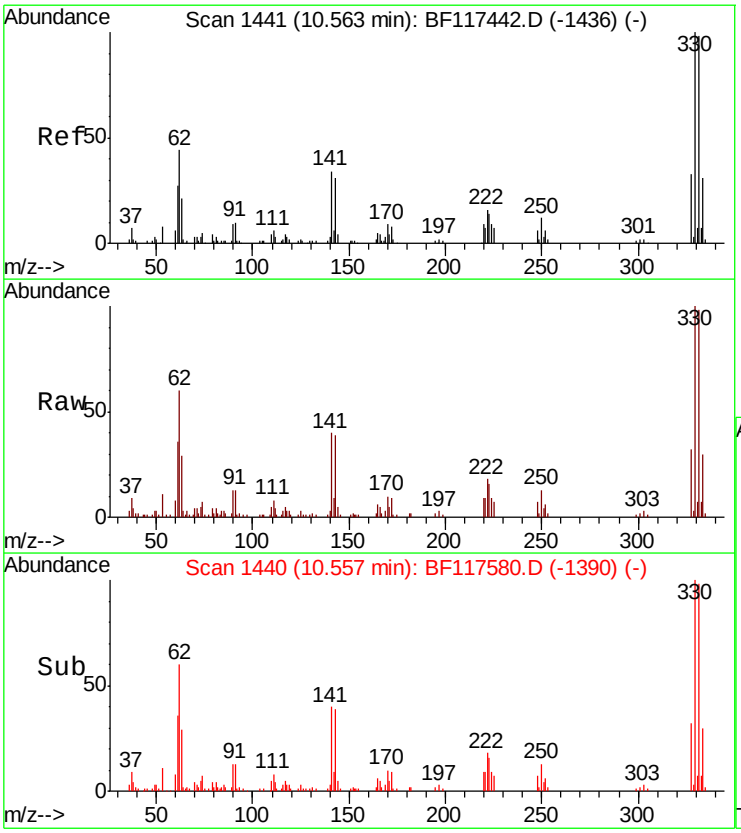
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 103347

Ion	Ratio	Lower	Upper
164	100		
162	97.9	81.8	122.6
160	42.3	34.4	51.6

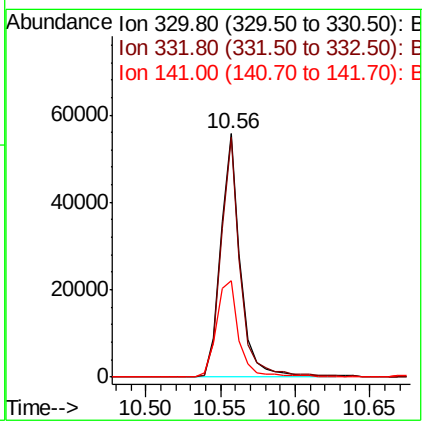


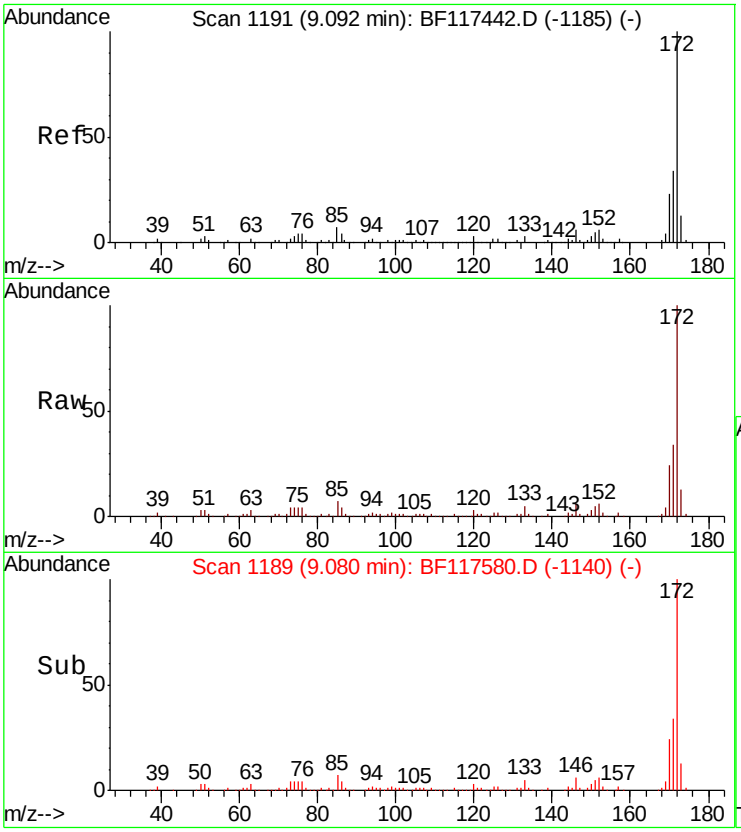


#42
2,4,6-Tribromophenol
Concen: 58.357 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:330 Resp: 52184

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.5	117.7
141	44.7	37.0	55.6



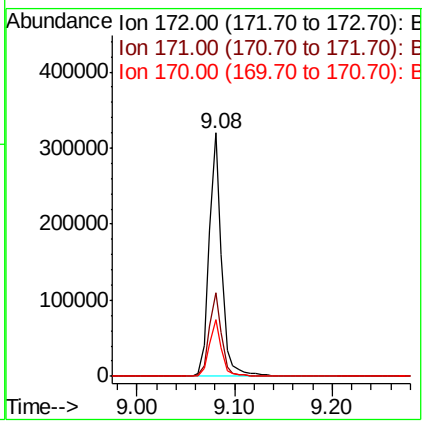


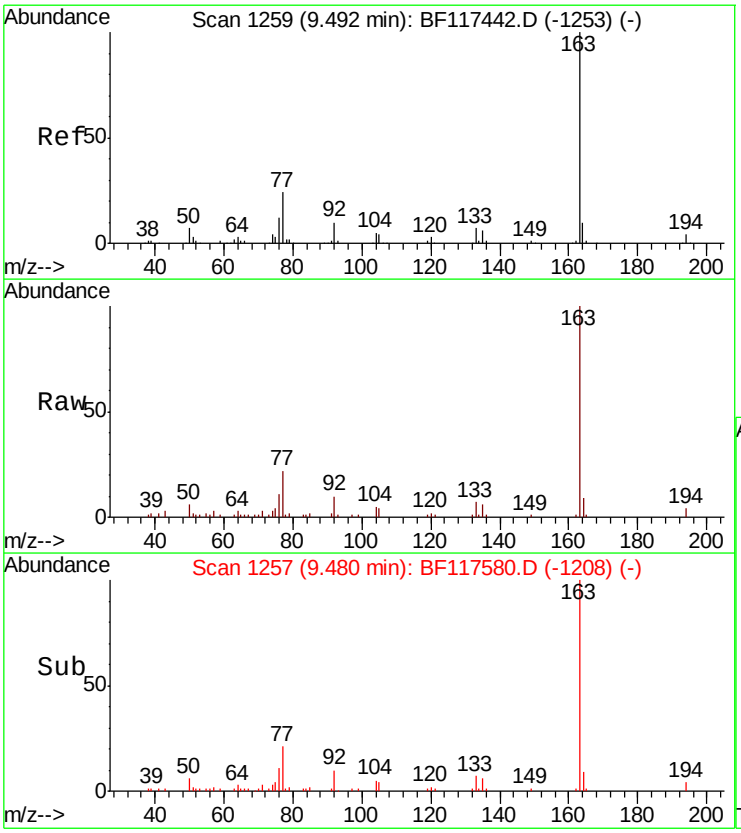
#45
2-Fluorobiphenyl
Concen: 38.546 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 282726

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.5	41.3
170	23.6	18.6	27.8

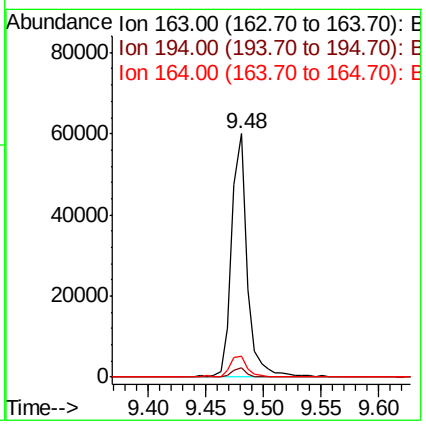


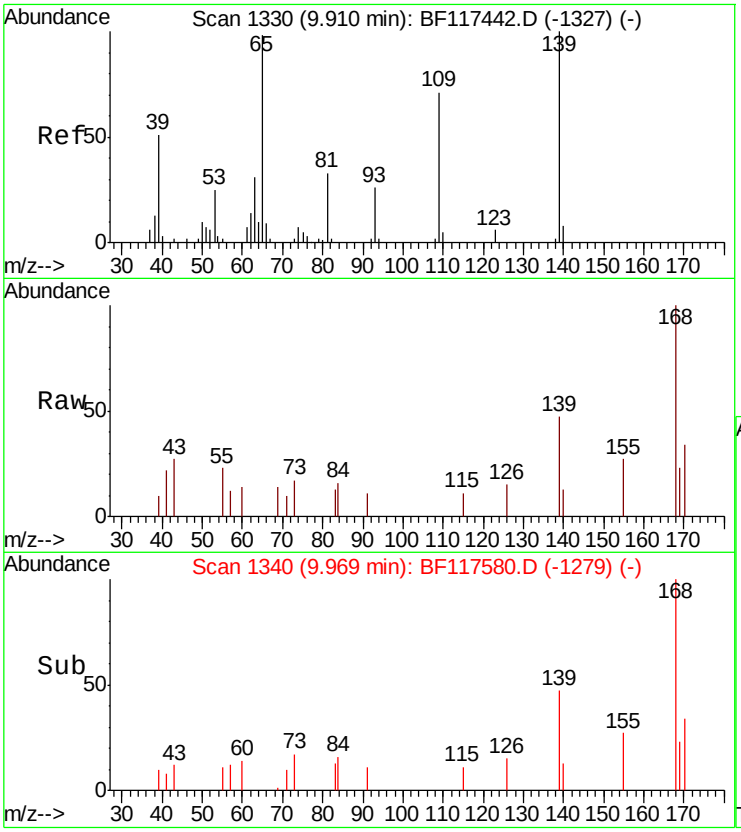


#50
Dimethylphthalate
Concen: 7.615 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:163 Resp: 56107

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	8.8	8.2	12.2



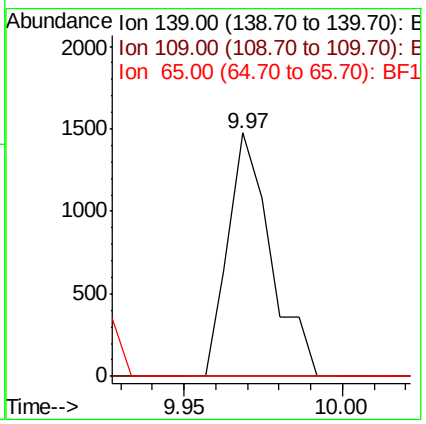


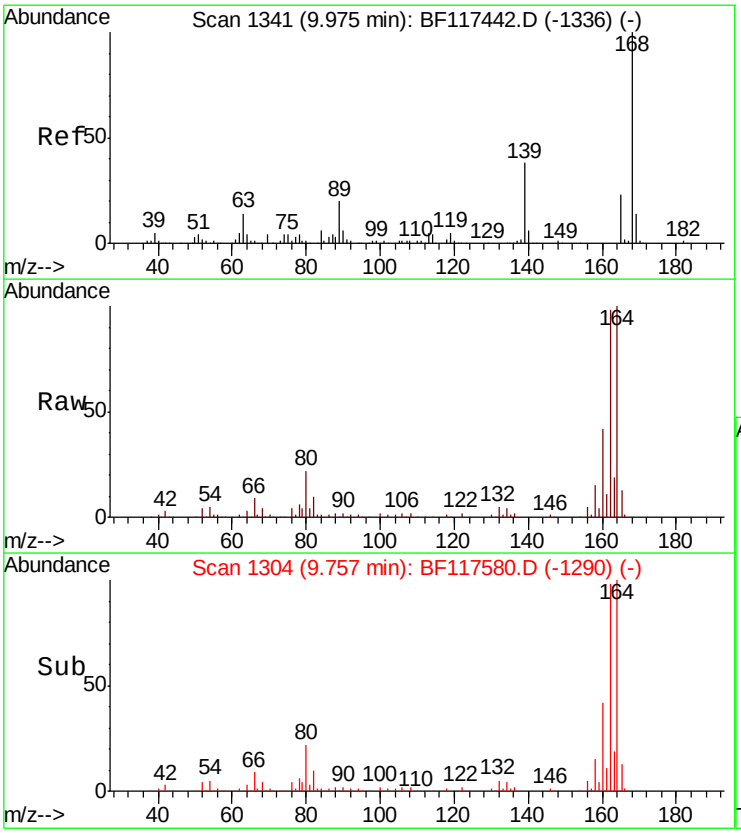
#56
4-Nitrophenol
Concen: 5.658 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 1383

Ion	Ratio	Lower	Upper
139	100		
109	0.0	51.4	91.4#
65	0.0	79.4	119.4#

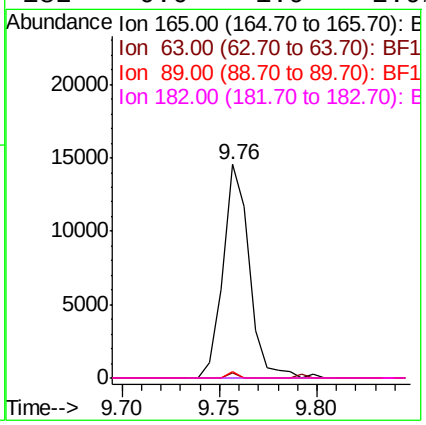


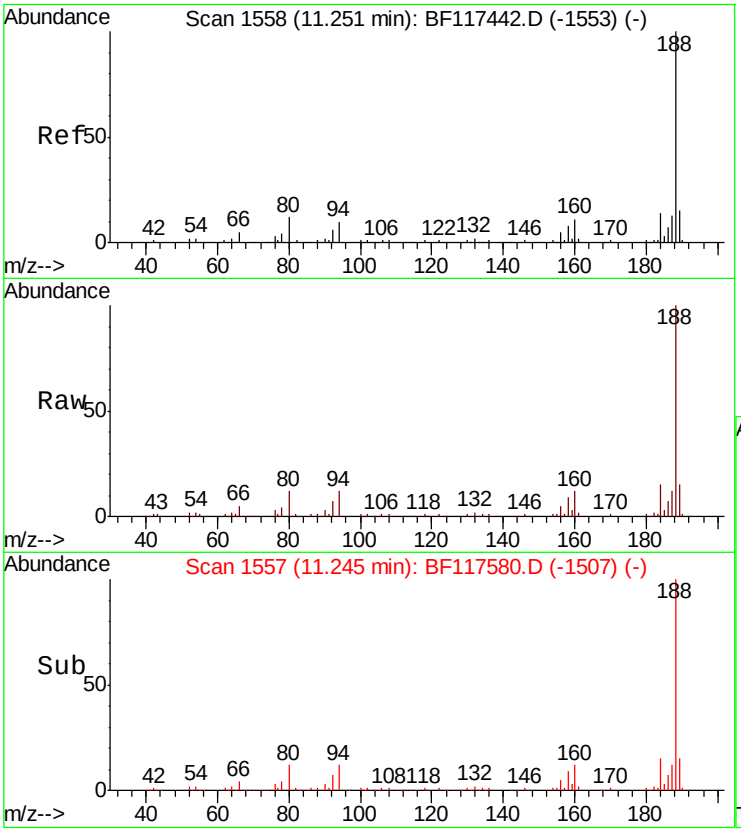


#57
2,4-Dinitrotoluene
Concen: 6.647 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:165 Resp: 13587

Ion	Ratio	Lower	Upper
165	100		
63	2.5	51.4	77.0#
89	2.8	69.9	104.9#
182	0.0	1.9	2.9#



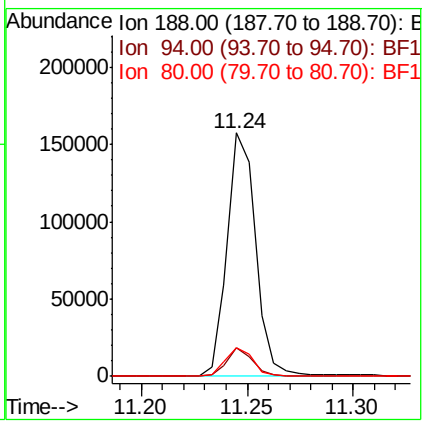


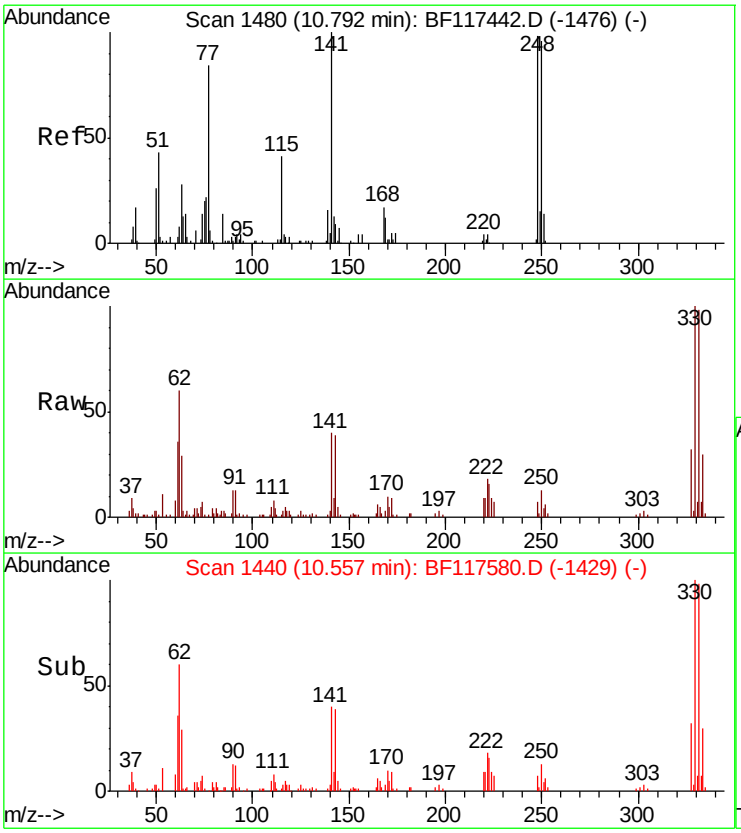
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 147377

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.0	12.0
80	11.8	9.5	14.3

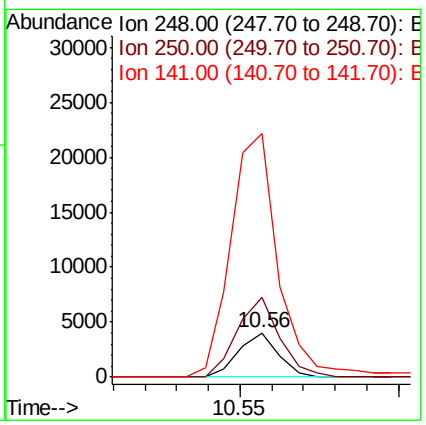


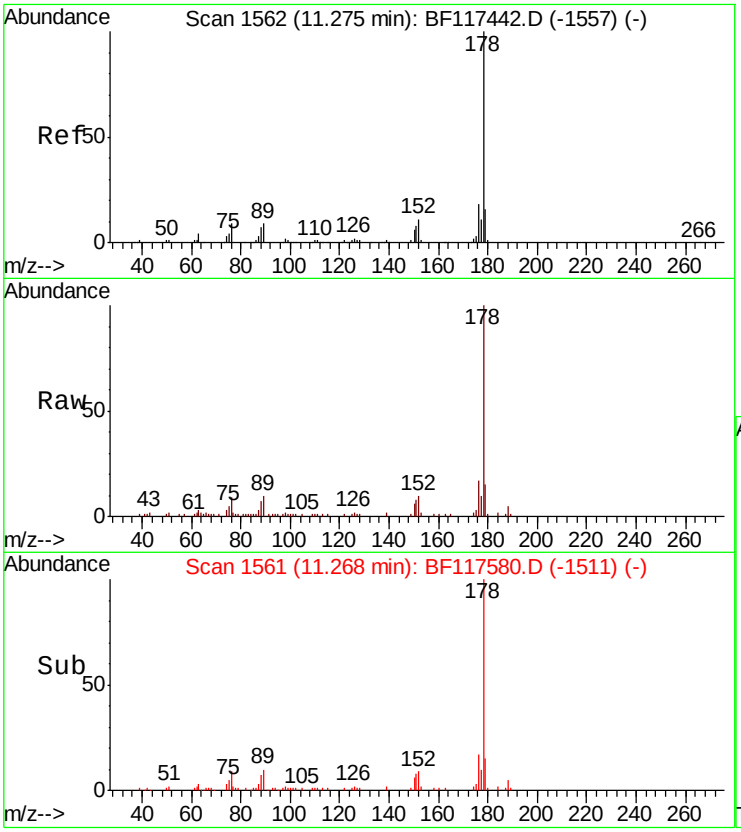


#67
4-Bromophenyl-phenylether
Concen: 2.178 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:248 Resp: 3457

Ion	Ratio	Lower	Upper
248	100		
250	180.0	78.0	117.0#
141	553.6	81.7	122.5#



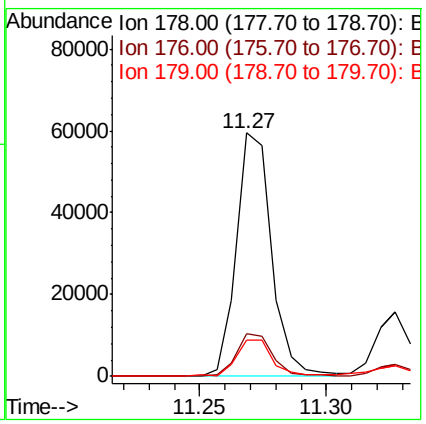


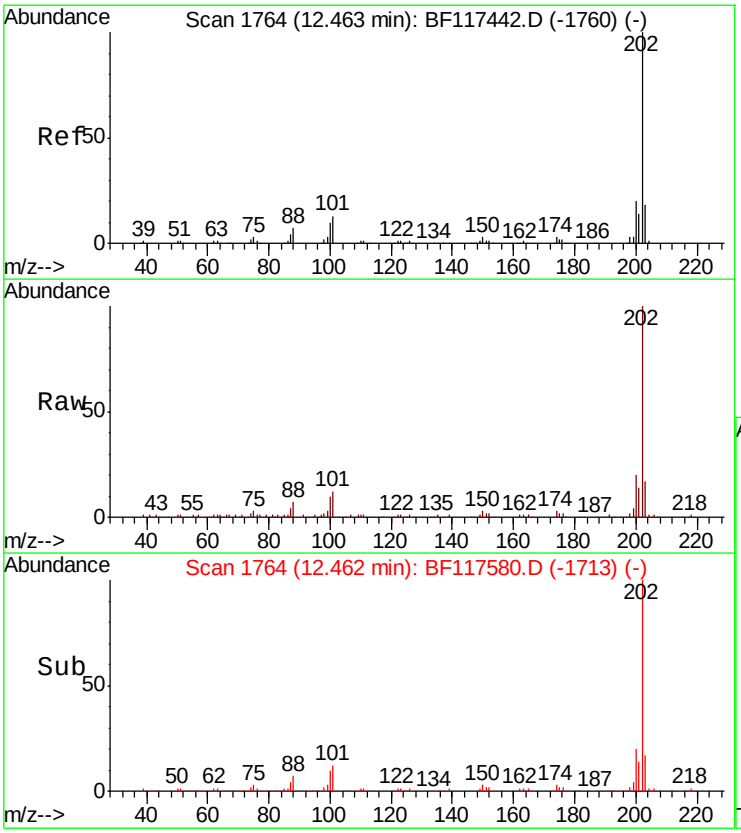
#71
Phenanthrene
Concen: 6.716 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 57473

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.6	22.0
179	14.9	12.6	19.0

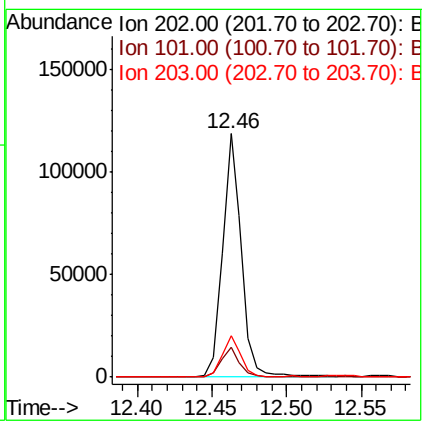


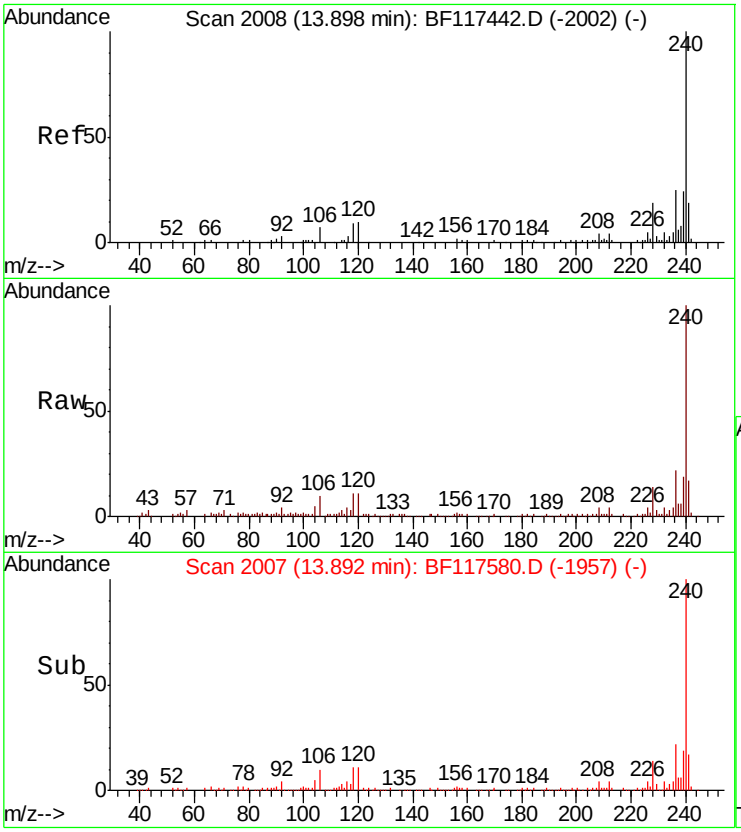


#75
Fluoranthene
Concen: 12.418 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:202 Resp: 106384

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.7
203	17.1	0.0	37.6



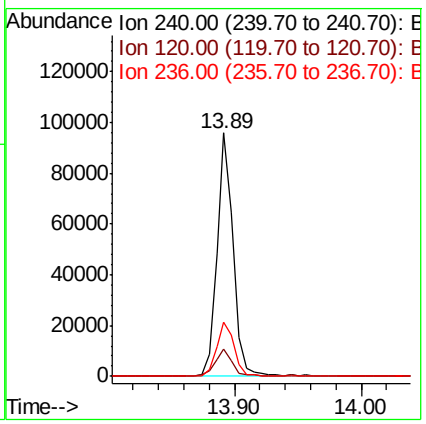


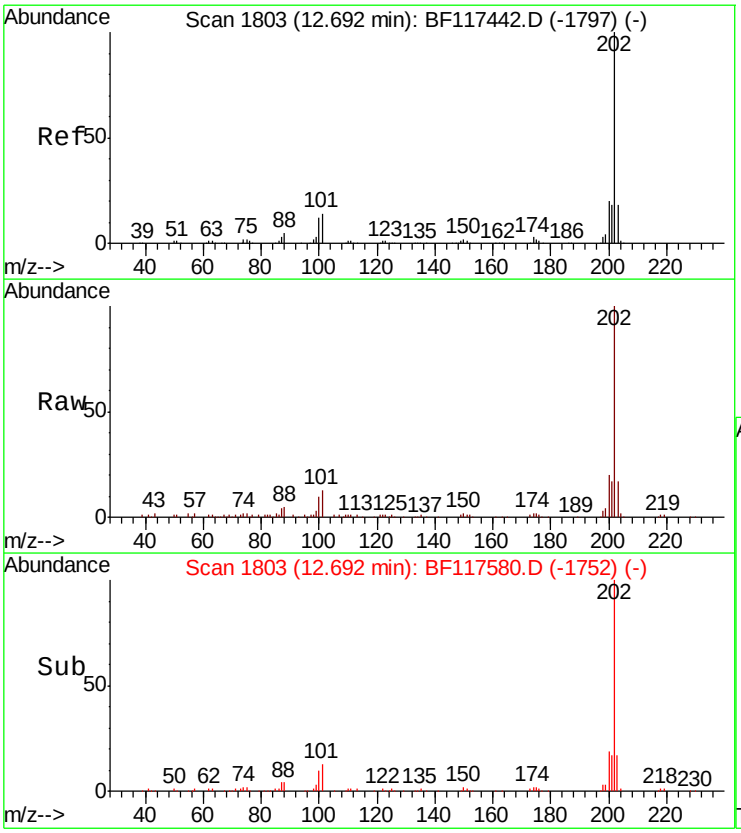
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 86035

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.4	12.6
236	22.3	20.0	30.0

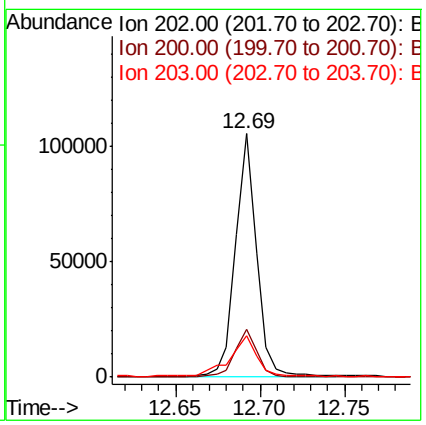


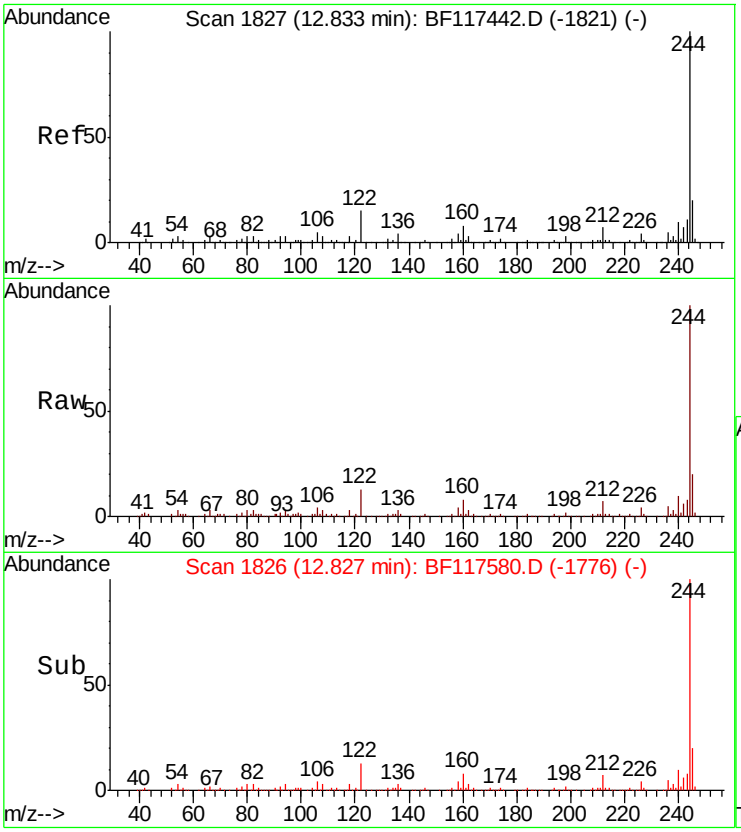


#78
Pyrene
Concen: 12.500 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:202 Resp: 92373

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.2	24.2
203	17.1	14.0	21.0



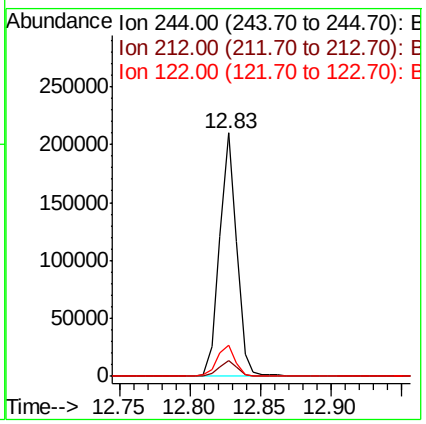


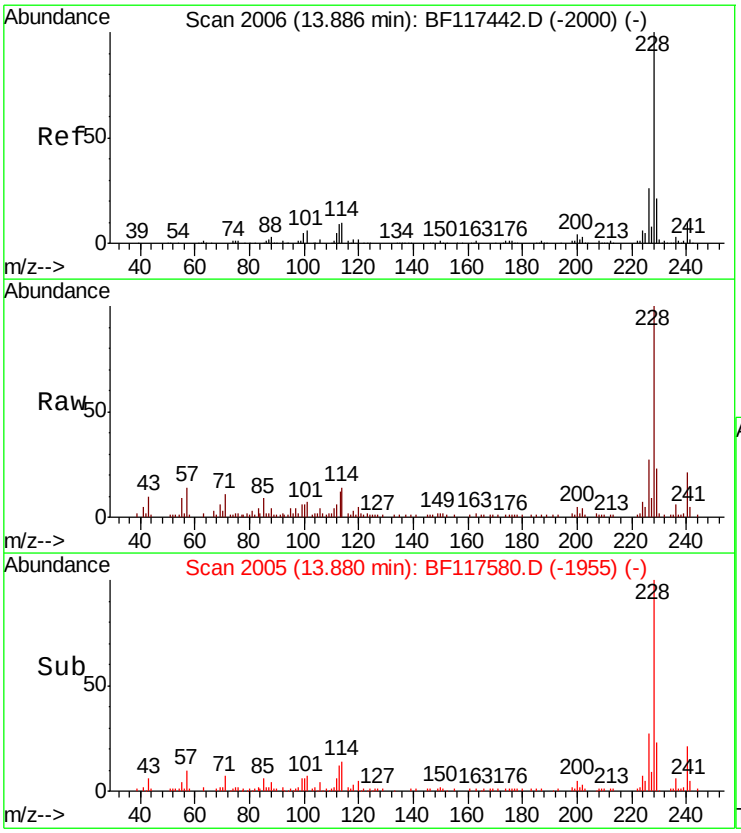
#79
Terphenyl-d14
Concen: 33.715 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 177836

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	12.9	11.8	17.8

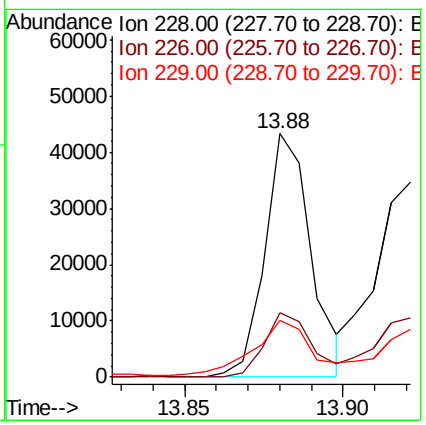


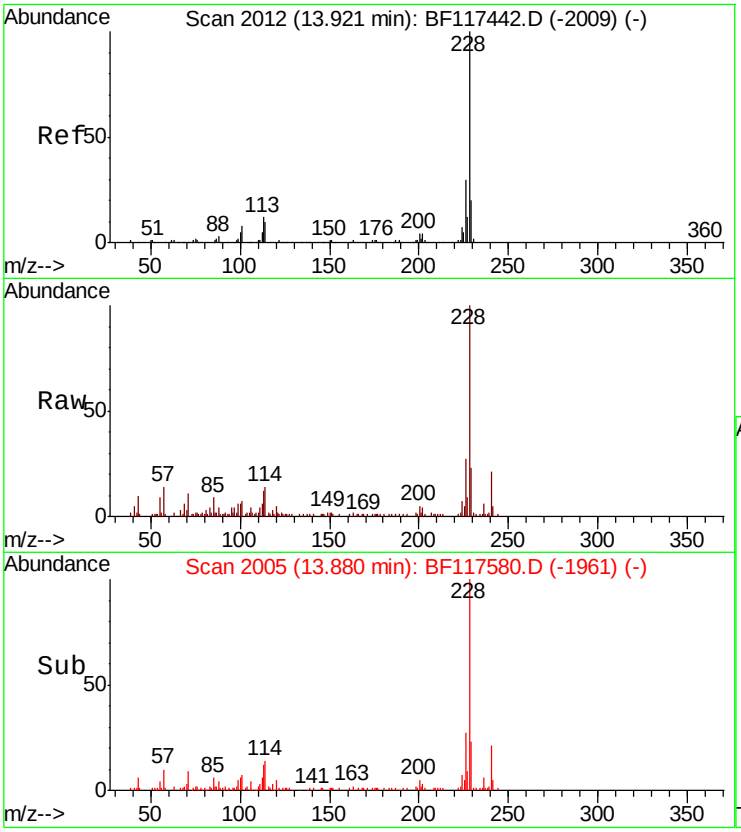


#81
Benzo(a)anthracene
Concen: 7.580 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:228 Resp: 43989

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.0	31.4
229	23.1	16.4	24.6



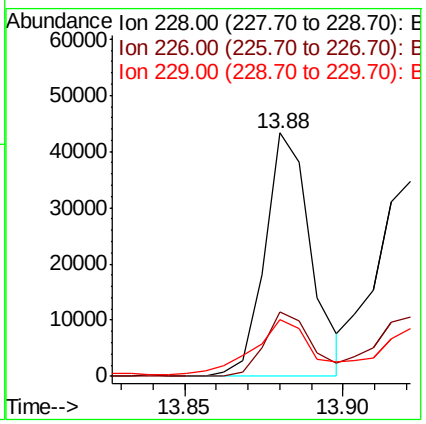


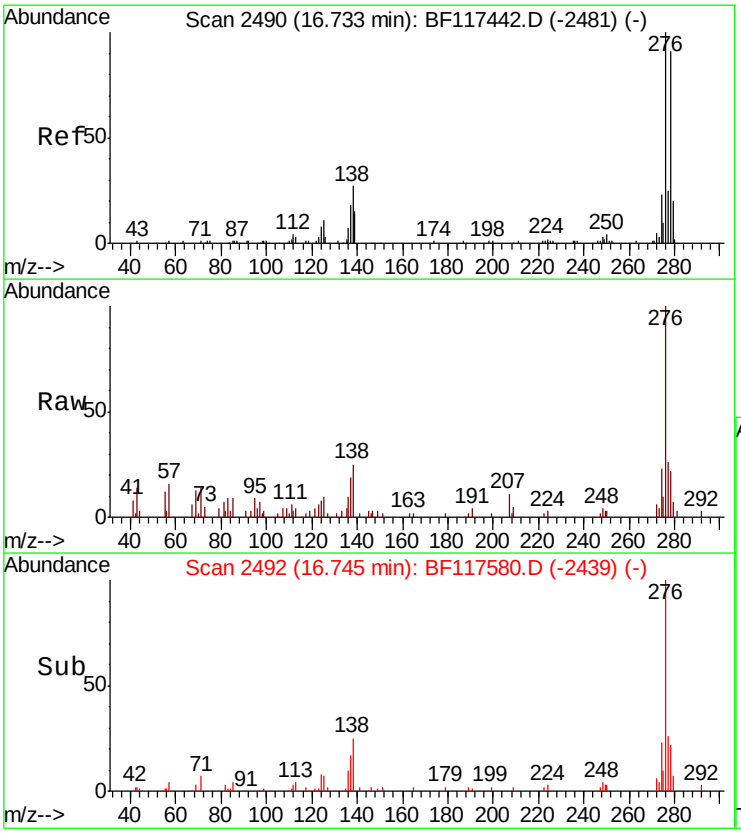
#83
Chrysene
Concen: 7.734 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 43989

Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.9	35.9
229	23.1	15.8	23.6

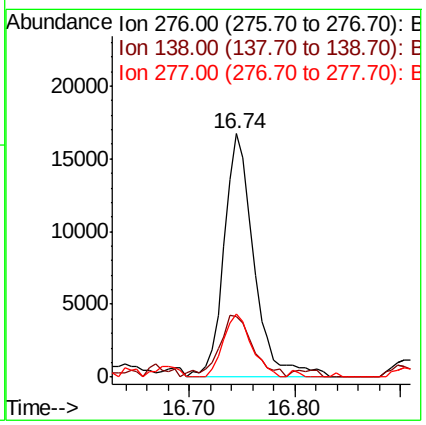


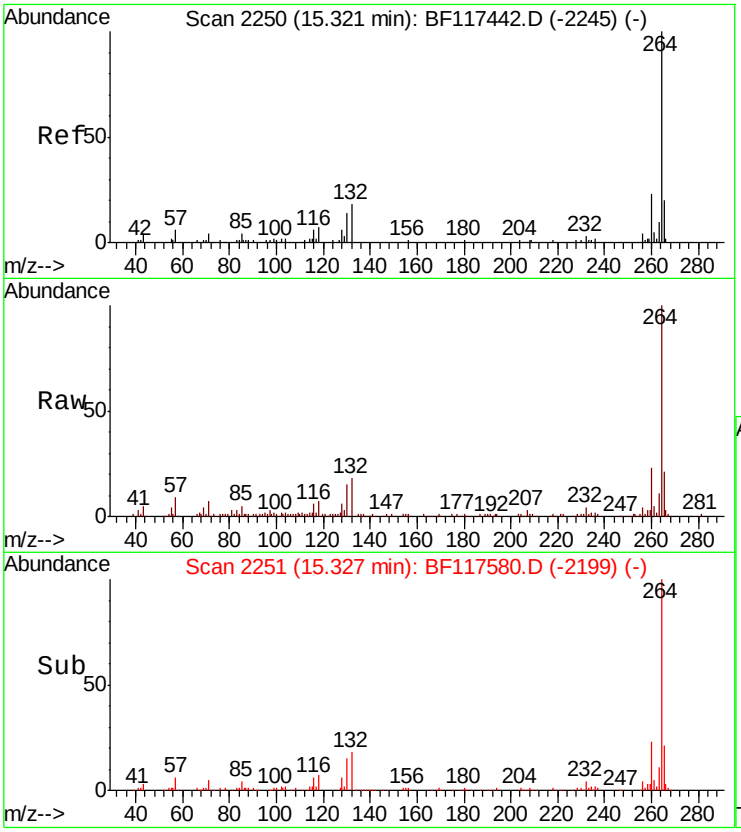


#86
Indeno(1,2,3-cd)pyrene
Concen: 7.715 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:276 Resp: 32761

Ion	Ratio	Lower	Upper
276	100		
138	28.7	21.8	32.8
277	24.3	20.0	30.0



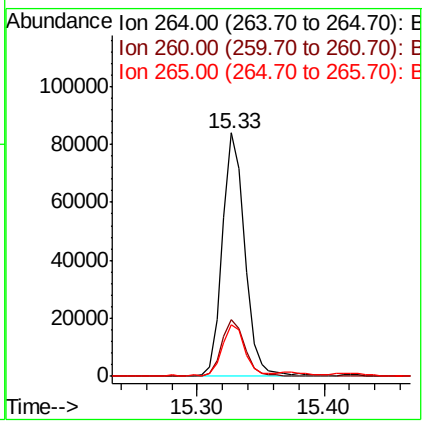


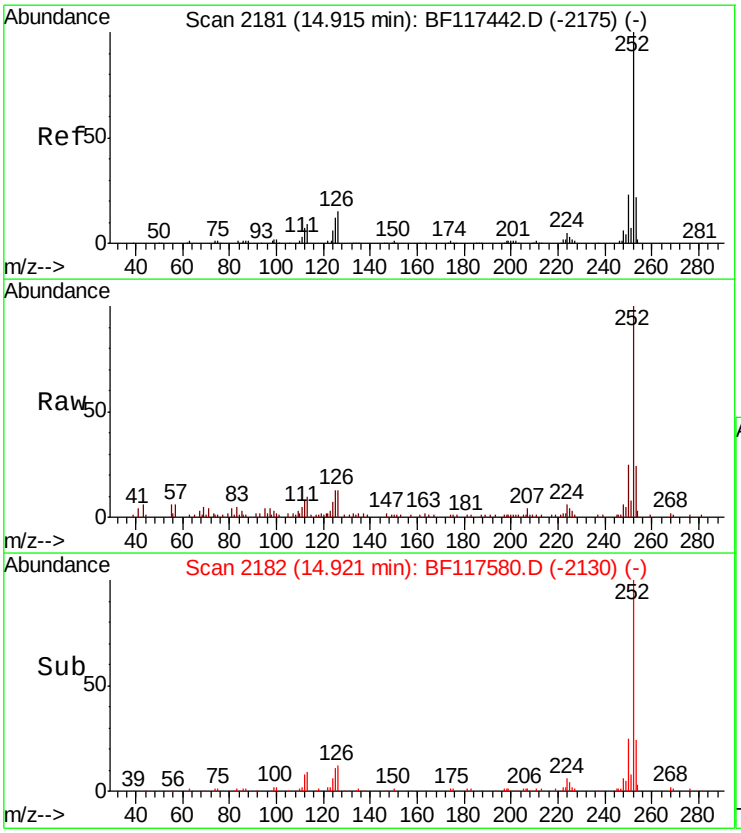
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 103298

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.4	16.1	24.1

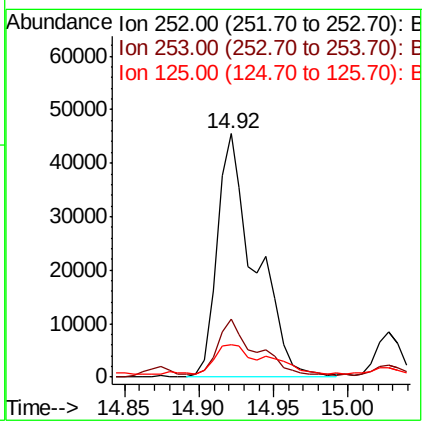


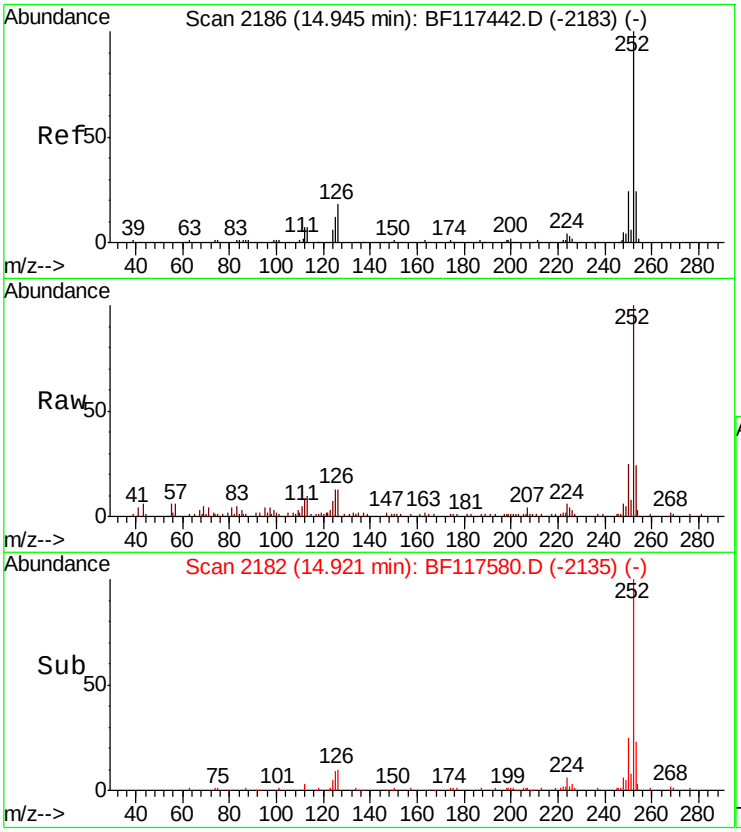


#88
Benzo(b)fluoranthene
Concen: 13.226 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:252 Resp: 80677

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	13.3	9.9	14.9



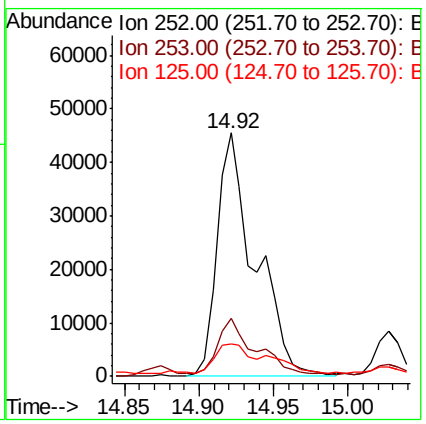


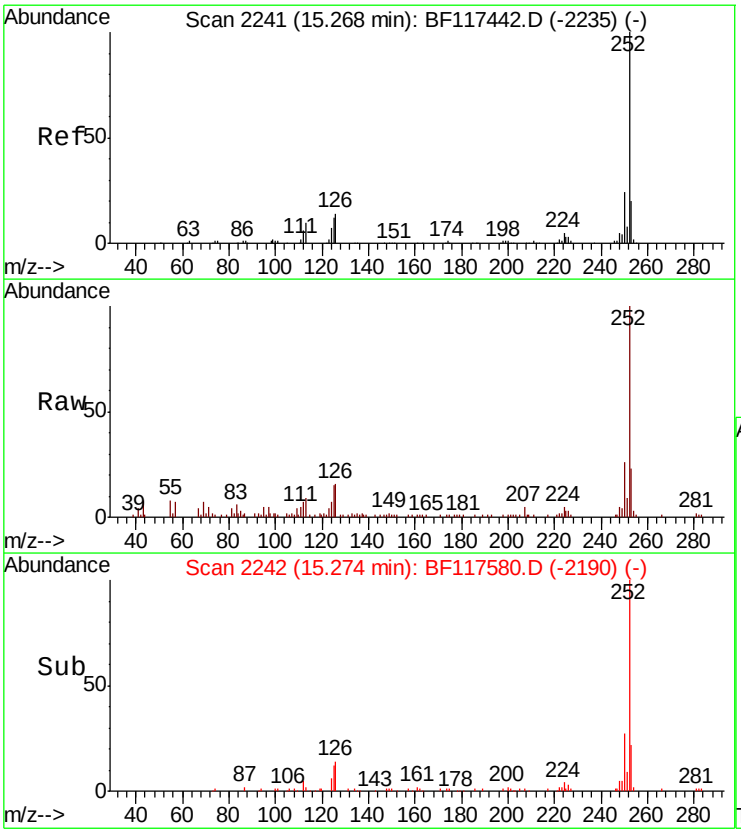
#89
Benzo(k)fluoranthene
Concen: 12.904 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 80677

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	13.3	8.9	13.3

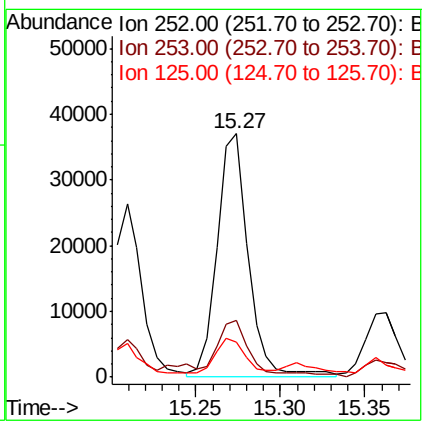


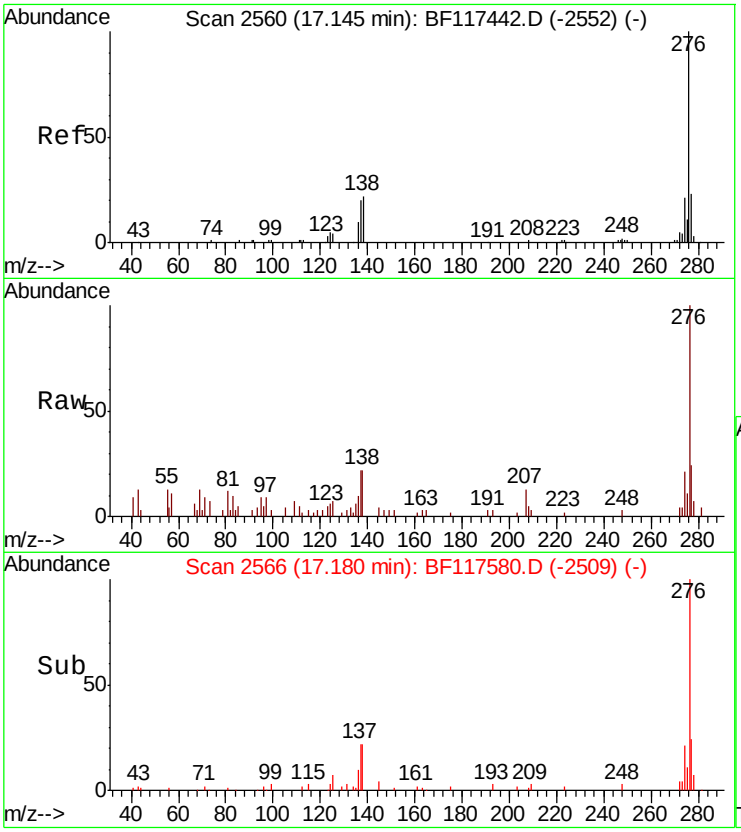


#90
Benzo(a)pyrene
Concen: 8.677 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Tgt Ion:252 Resp: 48125

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.3	24.5
125	14.6	9.2	13.8#





#92
Benzo(g,h,i)perylene
Concen: 6.493 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.04 min
Lab File: BF117580.D
Acq: 29 Oct 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 29462

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	21.5	17.8	26.6