Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117133.D
Acq On : 18 Sep 2019 3:04
Operator : HP/JU
Sample : K4924-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 18 05:27:07 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	6.82	152	58436	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	242019	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	123980	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	187754	20.00	ng	0.00
76) Chrysene-d12	13.97	240	127180	20.00	ng	0.00
87) Perylene-d12	15.42	264	131340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	343405	91.75	ng	0.00
7) Phenol-d6	6.46	99	481413	99.52	ng	0.00
23) Nitrobenzene-d5	7.38	82	299370	64.99	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	96815	93.43	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	553718	69.83	ng	0.00
79) Terphenyl-d14	12.91	244	448831	65.97	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	811	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.38	70	40105	13.616	ng	# 79
25) Isophorone	7.38	82	299394	36.710	ng	# 66
50) Dimethylphthalate	9.56	163	90867	10.351	ng	98
57) 2,4-Dinitrotoluene	9.85	165	16104	6.939	ng	# 18
67) 4-Bromophenyl-phenylether	10.64	248	6030	3.145	ng	# 1
71) Phenanthrene	11.36	178	189431	17.763	ng	99
72) Anthracene	11.41	178	50413	4.630	ng	97
75) Fluoranthene	12.54	202	324581	29.622	ng	99
78) Pyrene	12.77	202	301769	28.278	ng	99
81) Benzo(a)anthracene	13.96	228	151293	17.805	ng	99
83) Chrysene	13.99	228	140147	16.911	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	47216	7.262	ng	99
86) Indeno(1,2,3-cd)pyrene	16.85	276	56969	9.422	ng	92
88) Benzo(b)fluoranthene	15.00	252	222475	27.964	ng	99
89) Benzo(k)fluoranthene	15.00	252	222475	29.521	ng	99
90) Benzo(a)pyrene	15.35	252	114753	16.437	ng	# 92
91) Dibenzo(a,h)anthracene	17.02	278	12008	2.159	ng	94
92) Benzo(g,h,i)perylene	17.28	276	52310	9.439	ng	97

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

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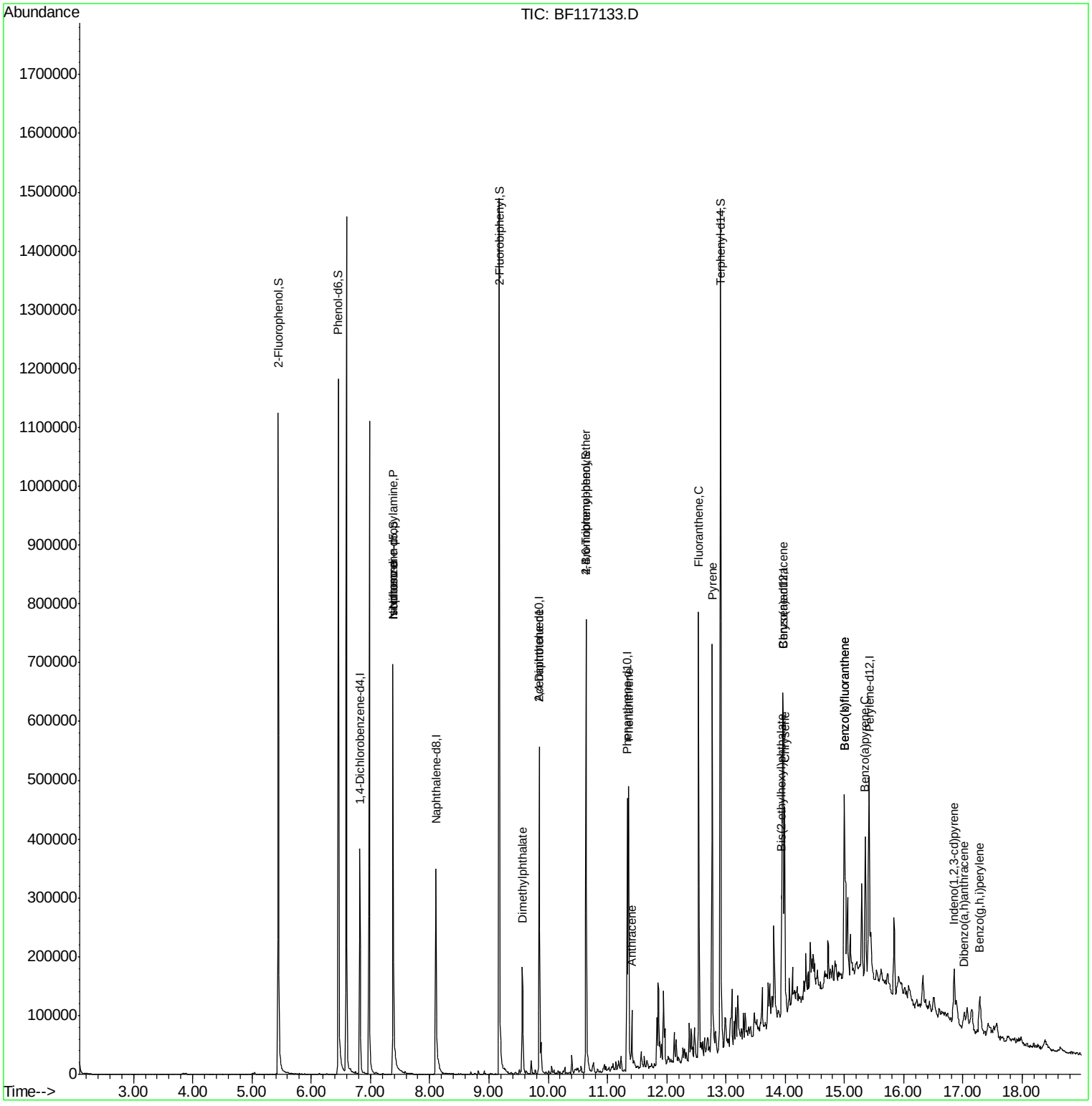
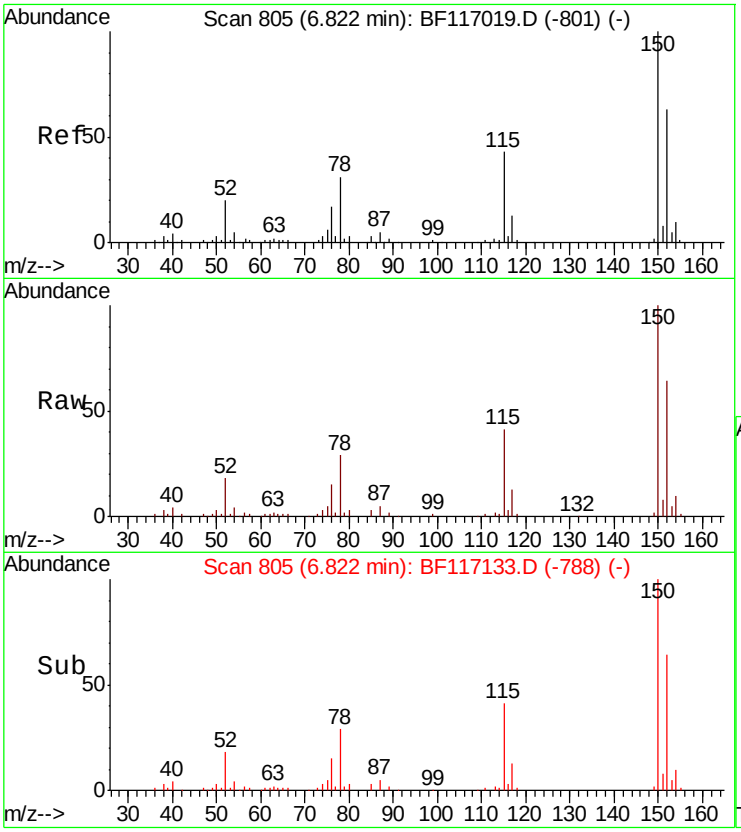


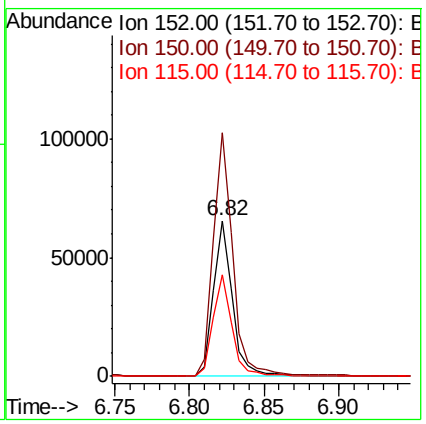


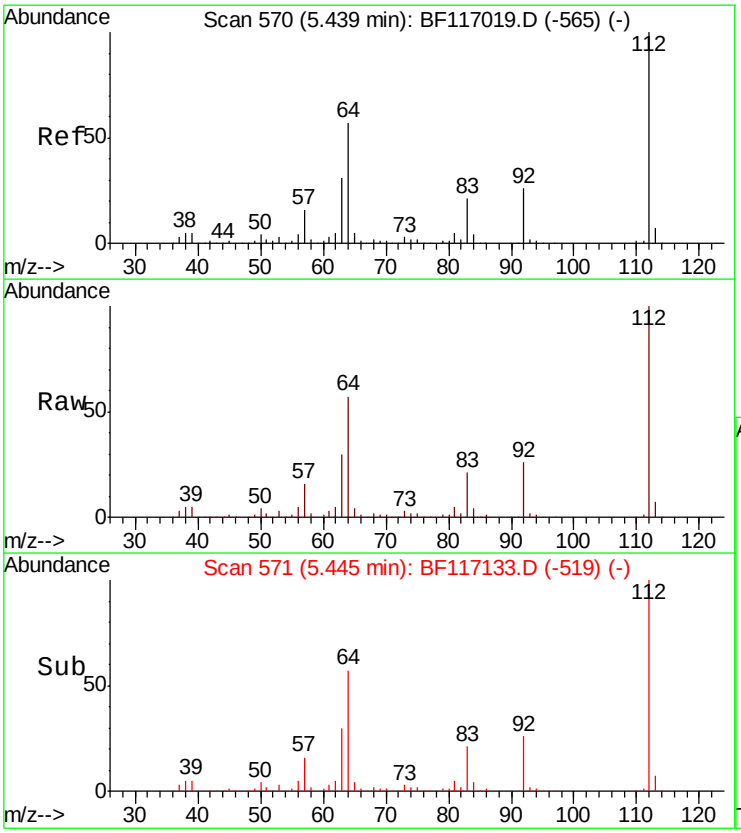
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 58436

Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.5	191.3
115	64.8	55.0	82.4

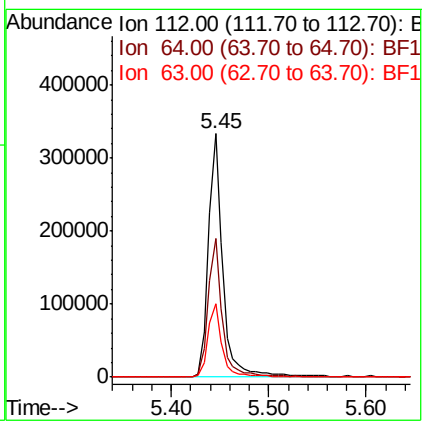


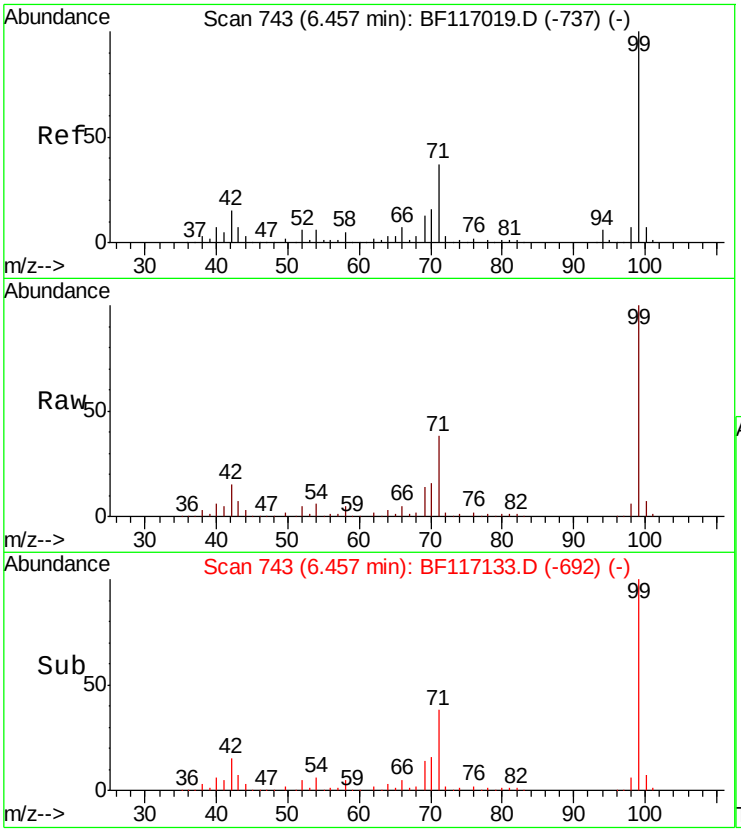


#5
2-Fluorophenol
Concen: 91.748 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:112 Resp: 343405

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.7	68.5
63	30.2	24.9	37.3



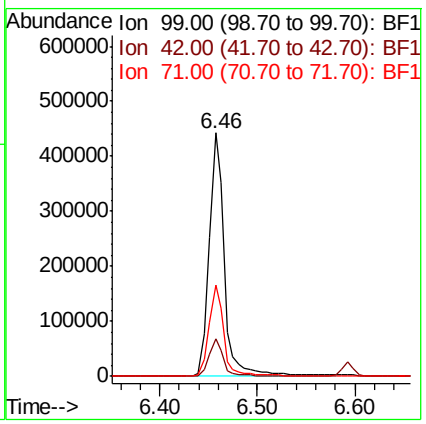


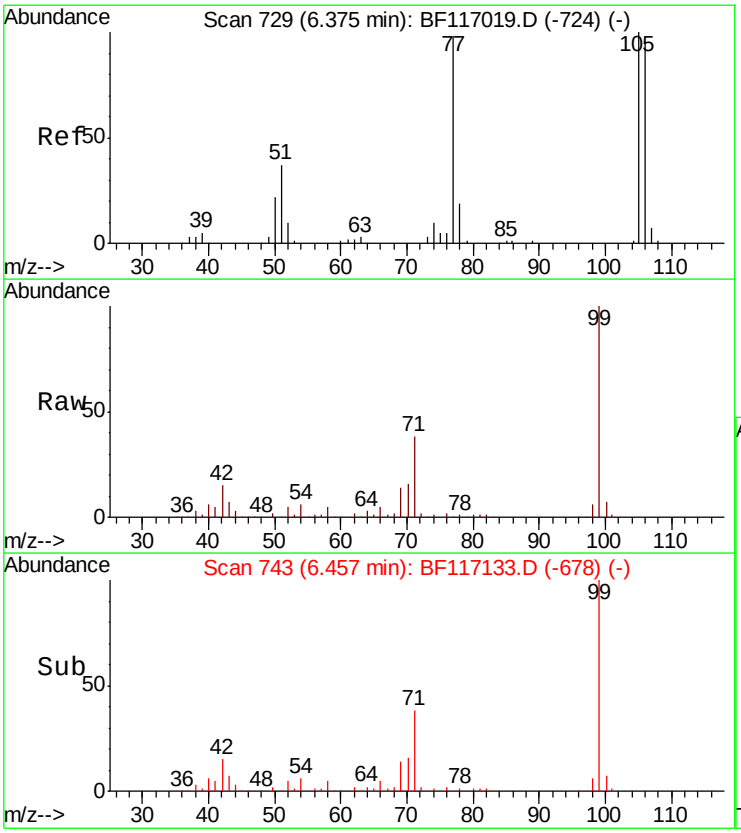
#7
Phenol-d6
Concen: 99.523 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 481413

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.2
71	37.7	29.8	44.8

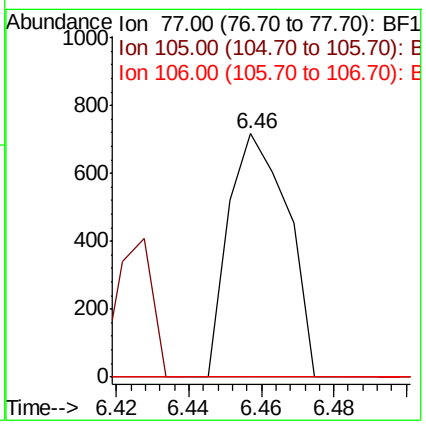


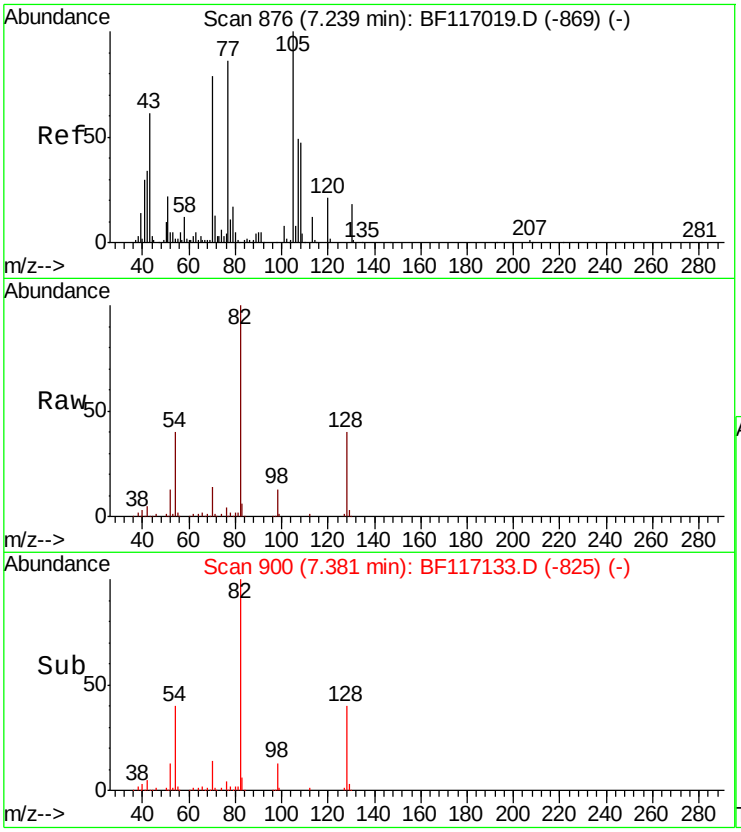


#9
Benzaldehyde
Concen: Below Cal
RT: 6.46 min Scan# 743
Delta R.T. 0.08 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion: 77 Resp: 811

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



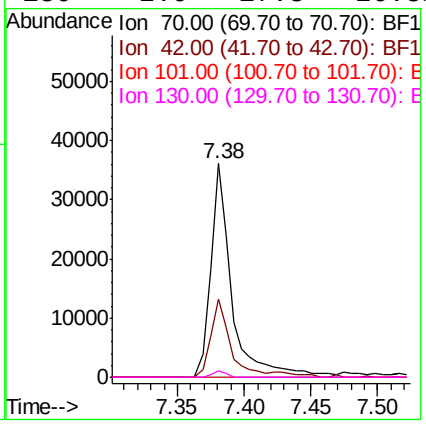


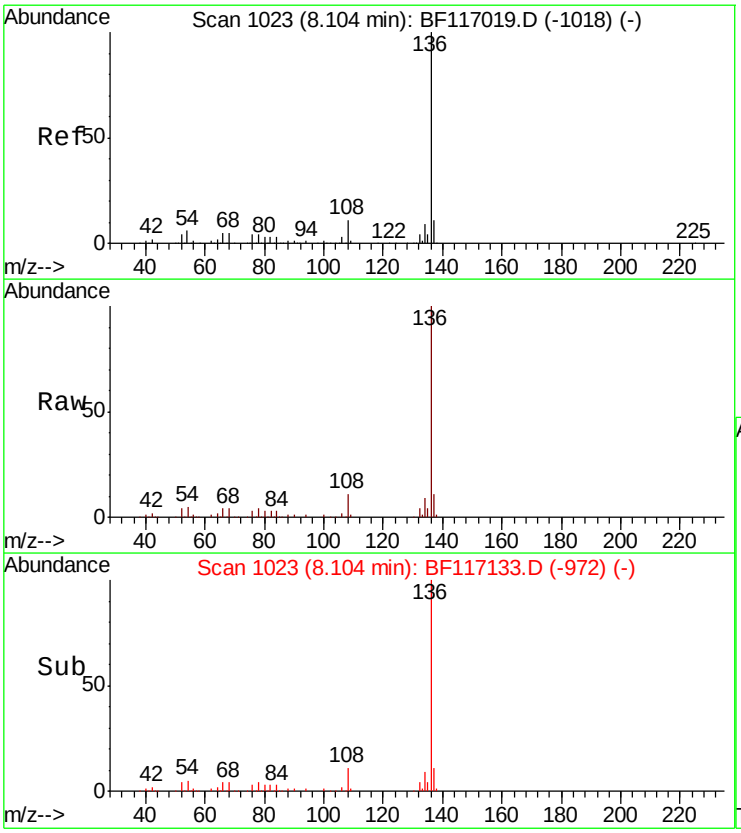
#19
n-Nitroso-di-n-propylamine
Concen: 13.616 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 40105

Ion	Ratio	Lower	Upper
70	100		
42	36.8	34.0	51.0
101	0.0	7.8	11.6#
130	2.9	17.8	26.8#

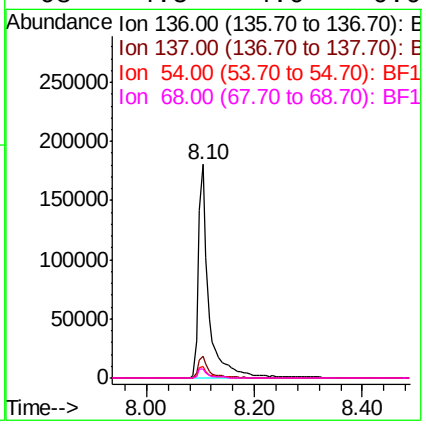


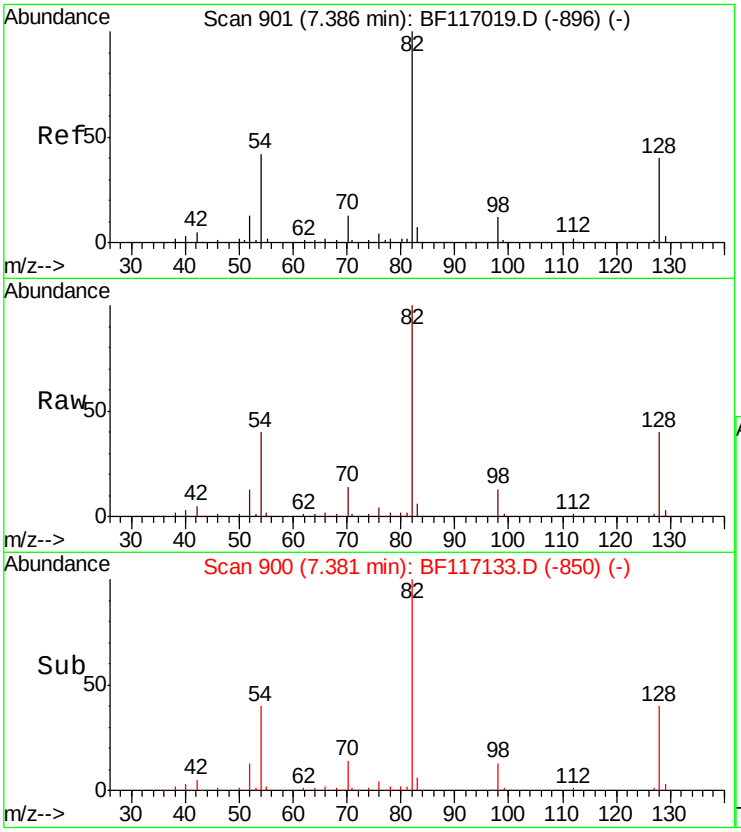


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:136 Resp: 242019

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	5.3	4.5	6.7
68	4.5	4.0	6.0



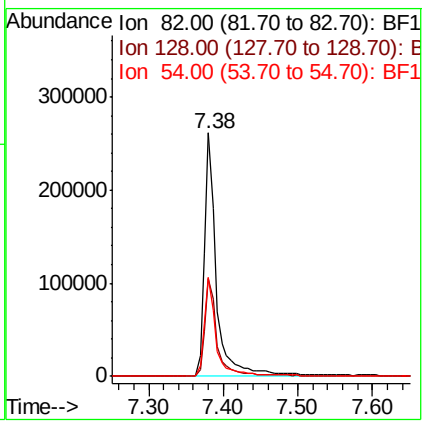


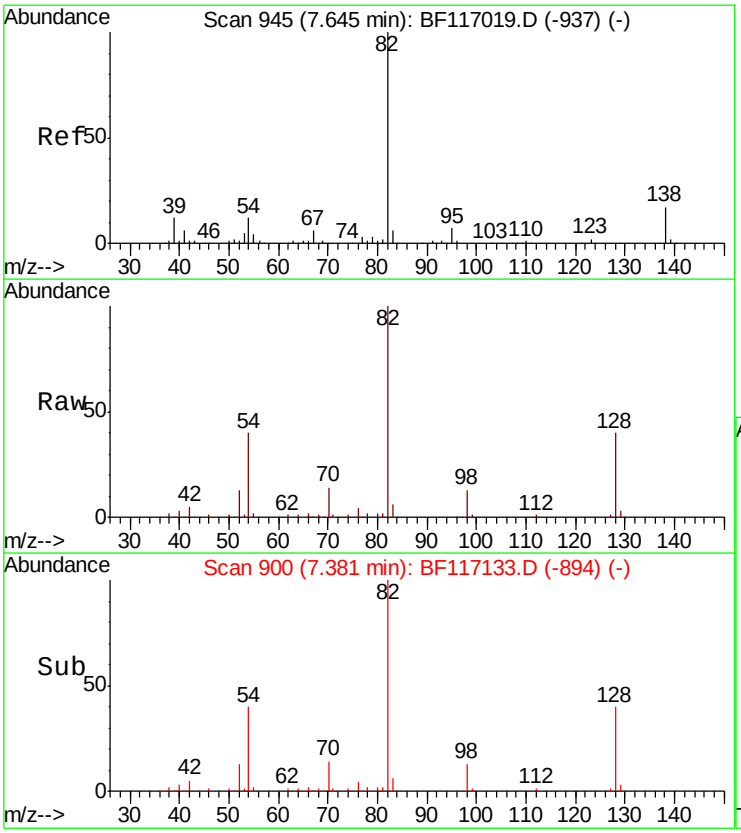
#23
Nitrobenzene-d5
Concen: 64.993 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 299370

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.3	48.5
54	40.5	33.3	49.9

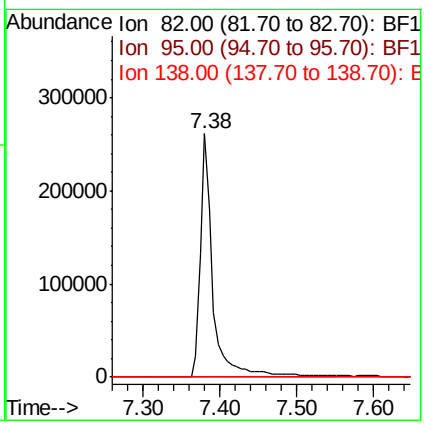


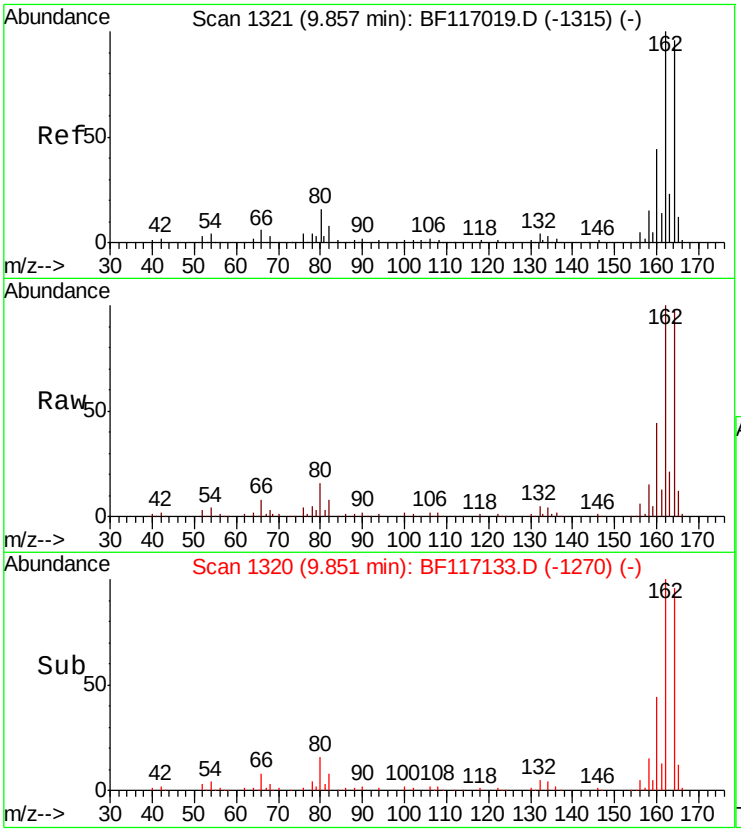


#25
Isophorone
Concen: 36.710 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion: 82 Resp: 299394

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



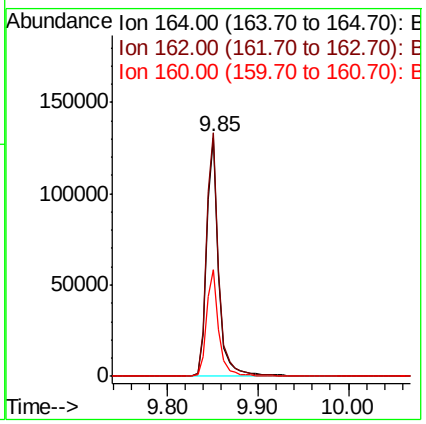


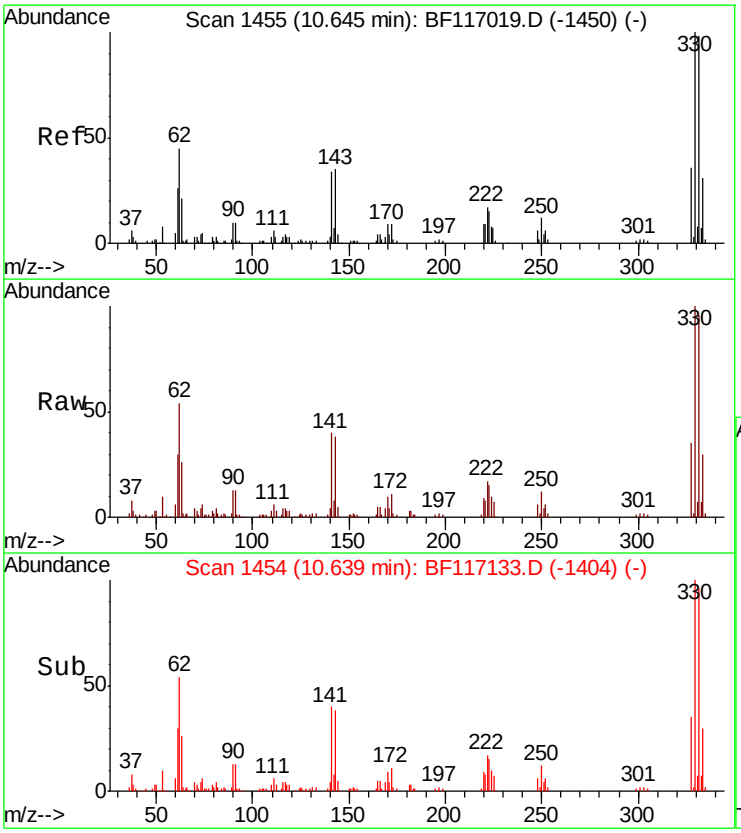
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 123980

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.4	125.2
160	44.5	36.4	54.6

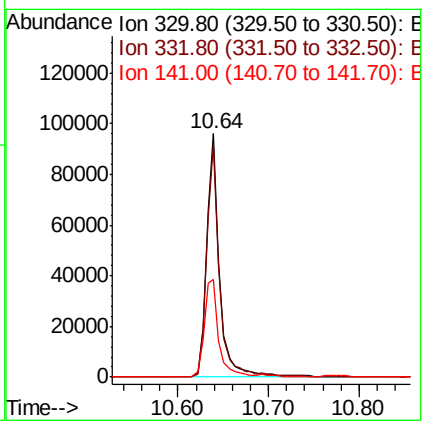


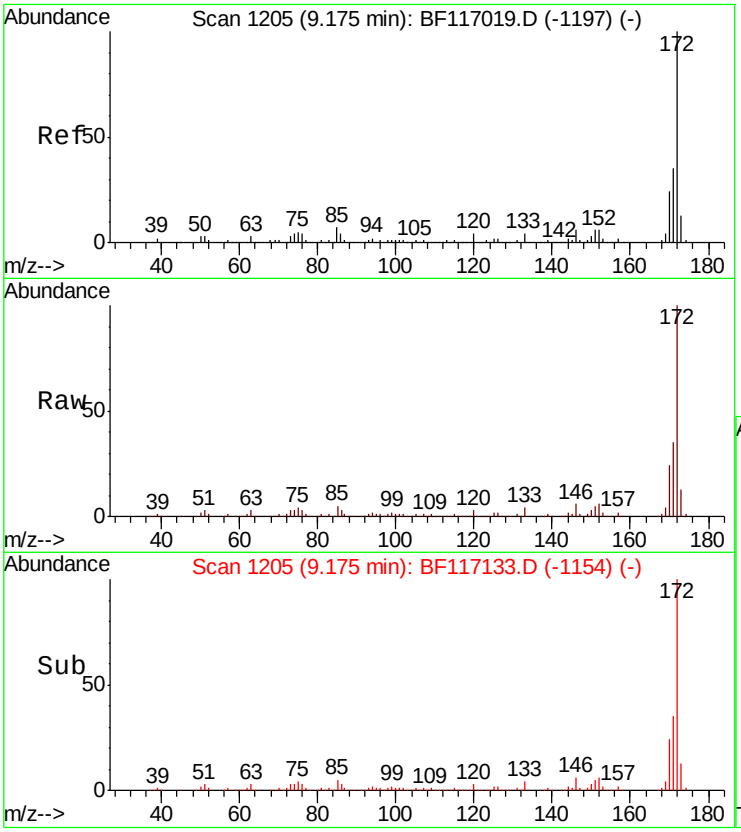


#42
2,4,6-Tribromophenol
Concen: 93.434 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:330 Resp: 96815

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	44.7	35.8	53.6



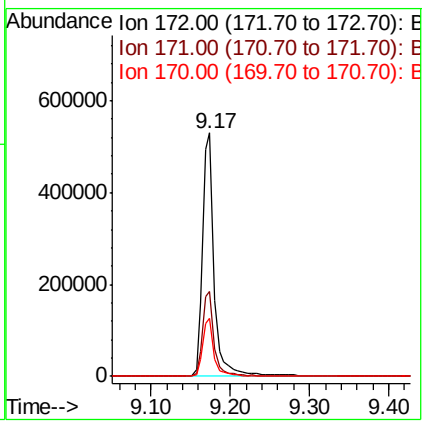


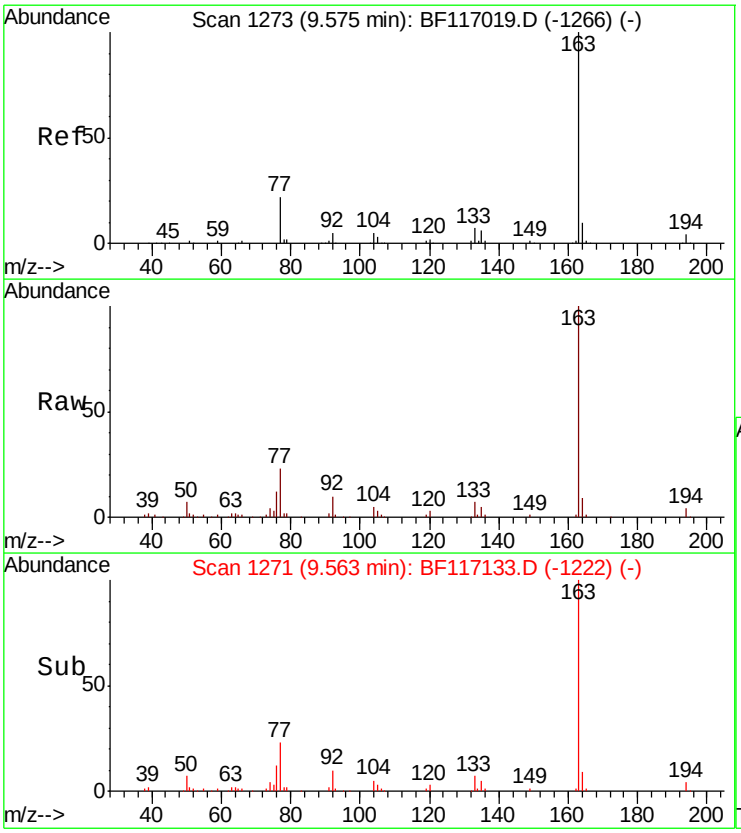
#45
2-Fluorobiphenyl
Concen: 69.832 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 553718

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.7	18.9	28.3

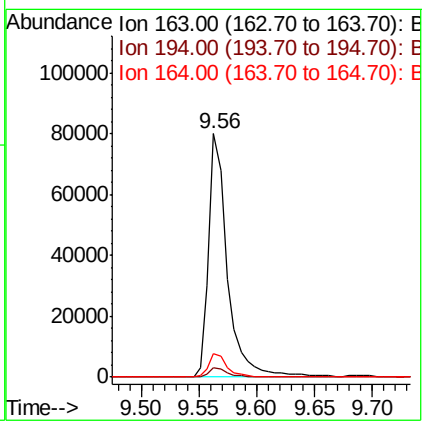


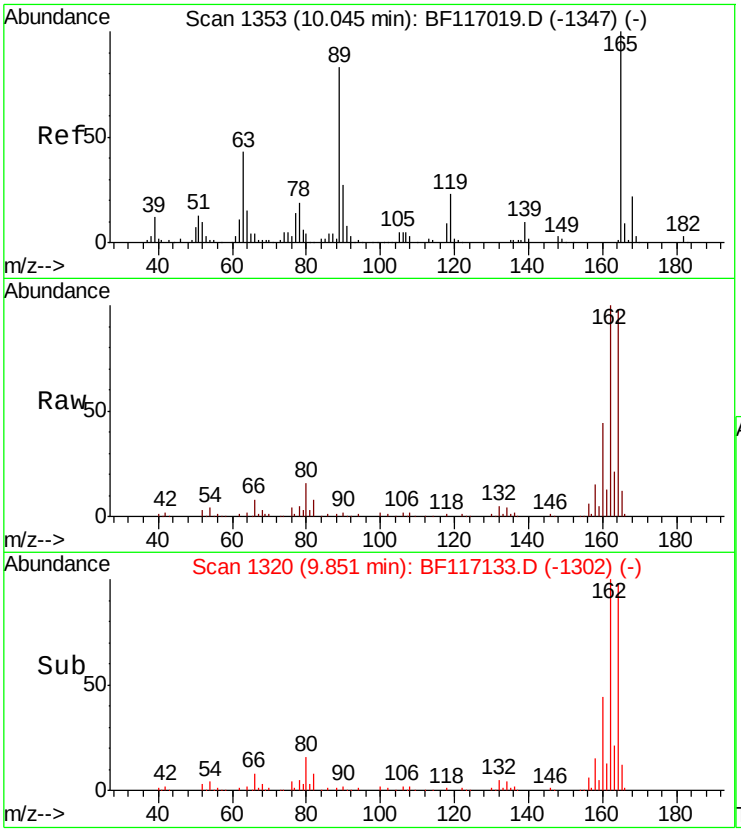


#50
Dimethylphthalate
Concen: 10.351 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:163 Resp: 90867

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	9.5	8.2	12.4



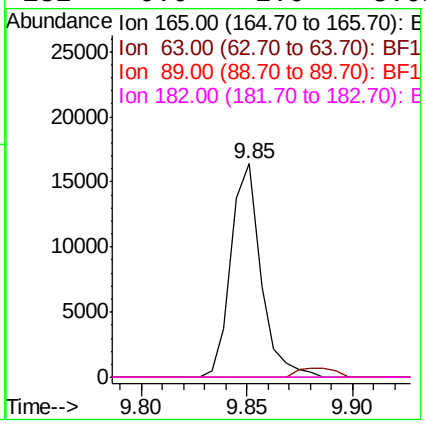


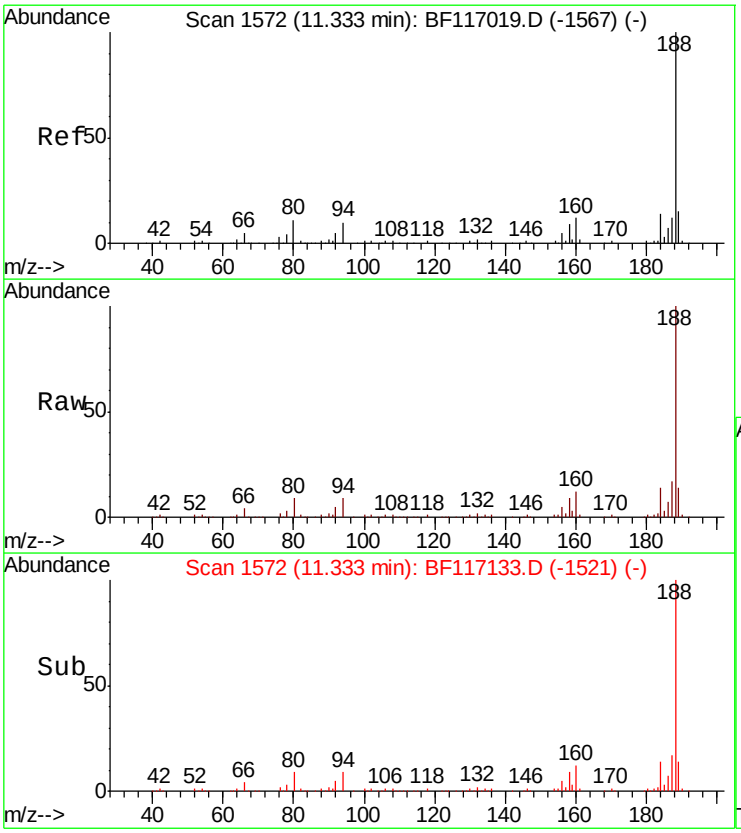
#57
2,4-Dinitrotoluene
Concen: 6.939 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16104

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

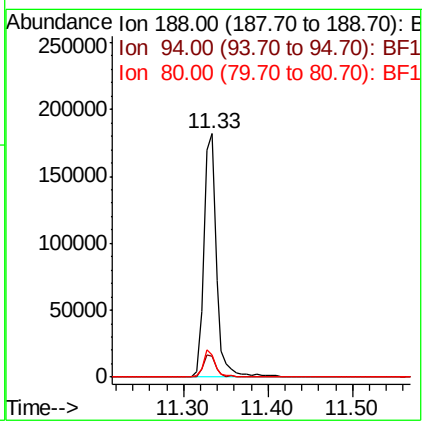


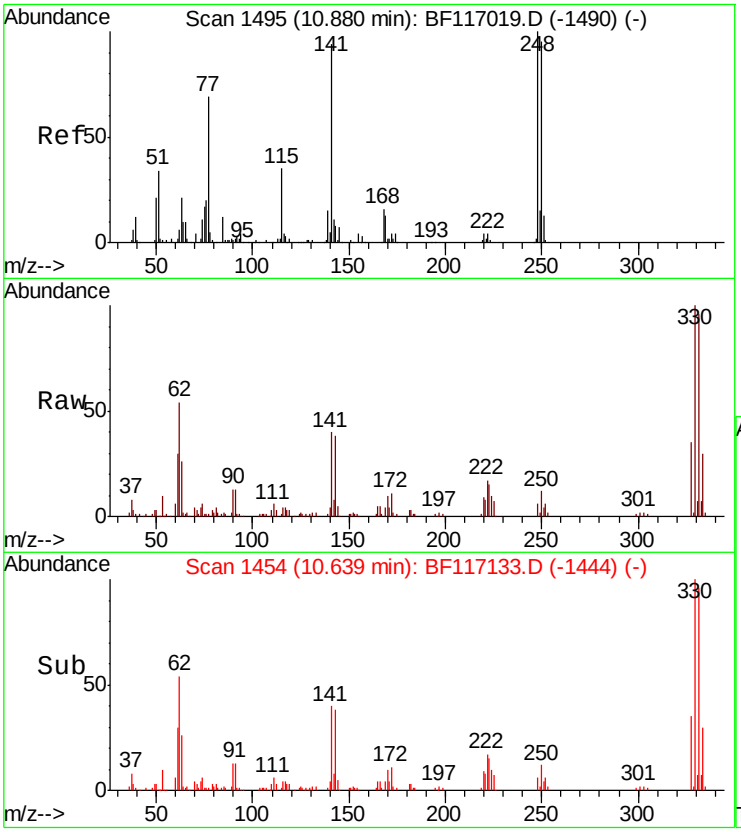


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:188 Resp: 187754

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	8.9	9.0	13.6#



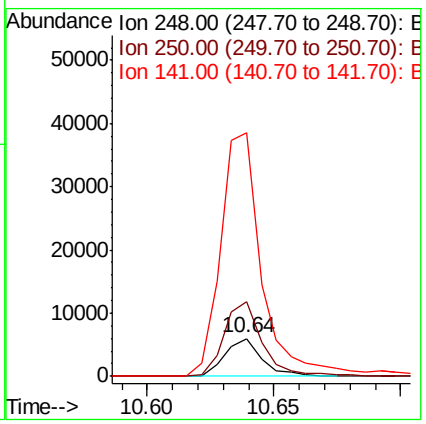


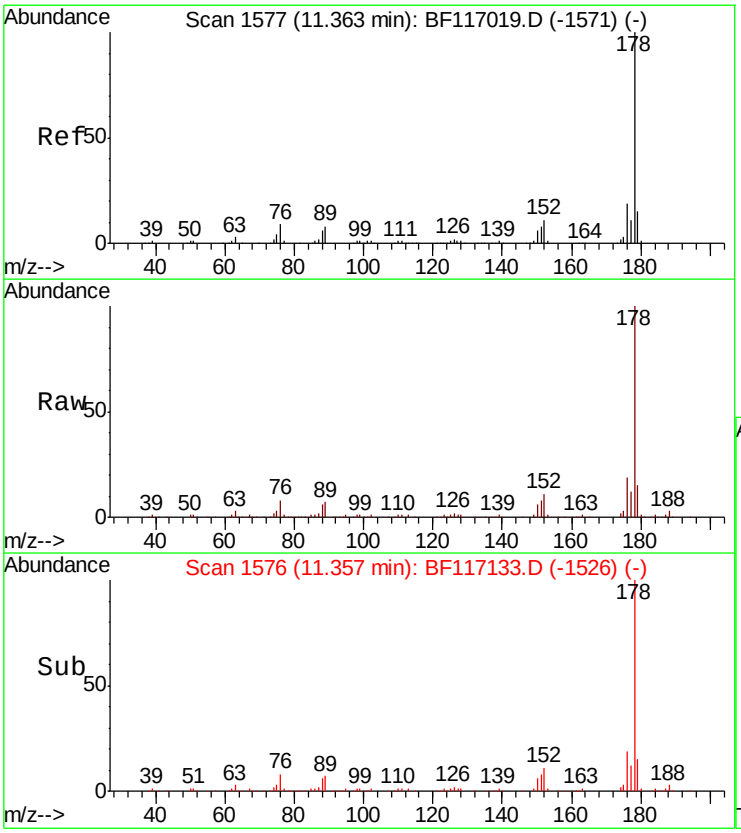
#67
4-Bromophenyl-phenylether
Concen: 3.145 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6030

Ion	Ratio	Lower	Upper
248	100		
250	198.6	76.2	114.4#
141	644.7	75.0	112.4#

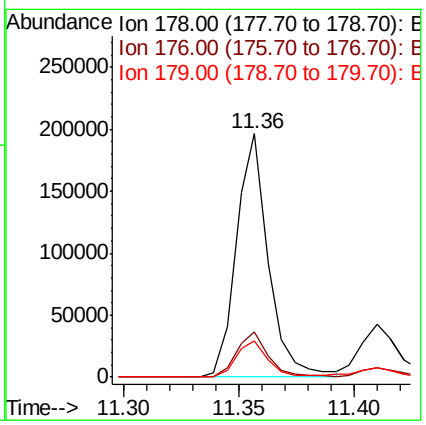


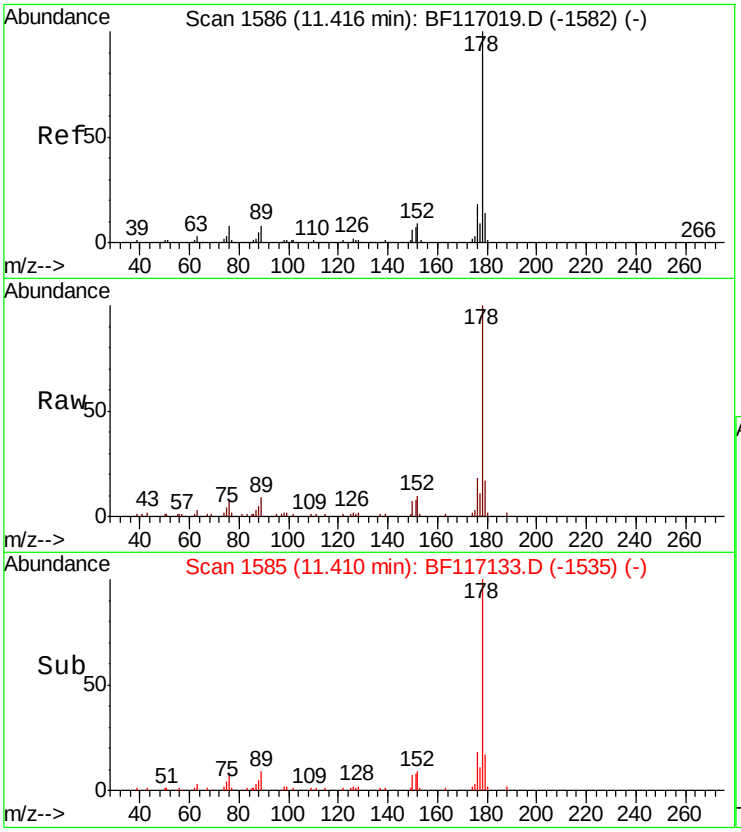


#71
Phenanthrene
Concen: 17.763 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:178 Resp: 189431

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.1	12.4	18.6



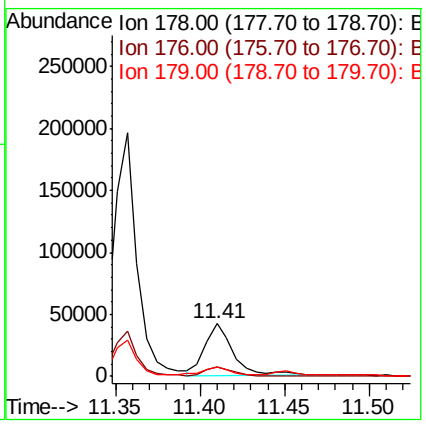


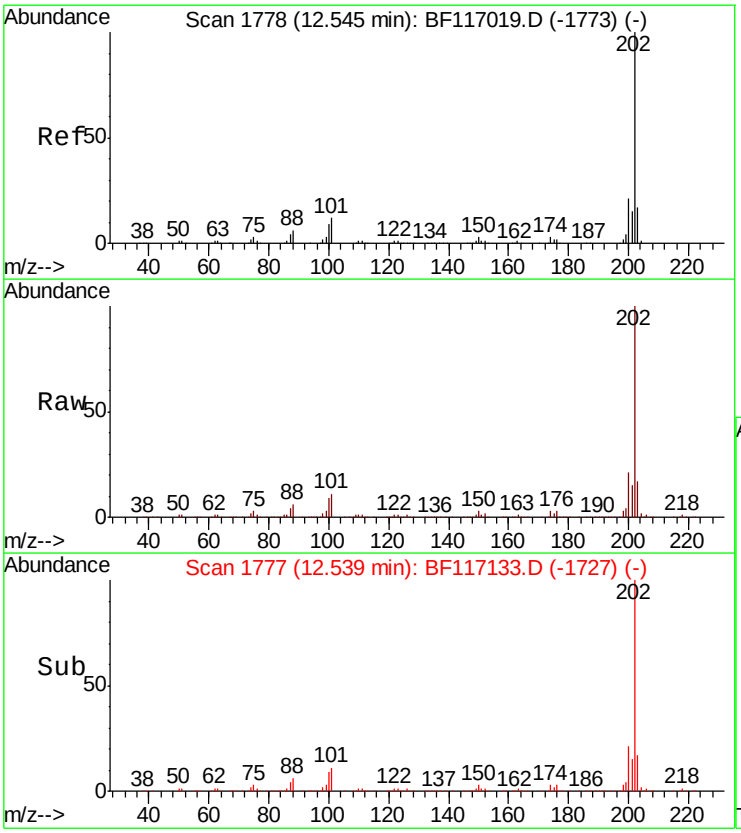
#72
Anthracene
Concen: 4.630 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 50413

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	16.9	11.6	17.4

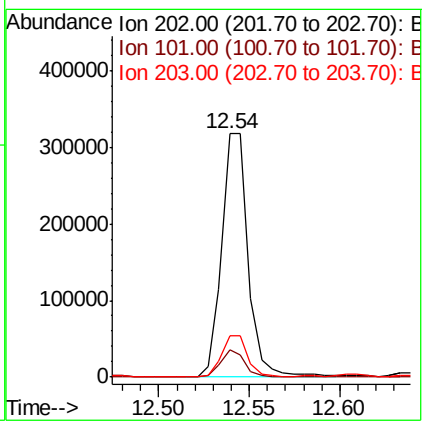


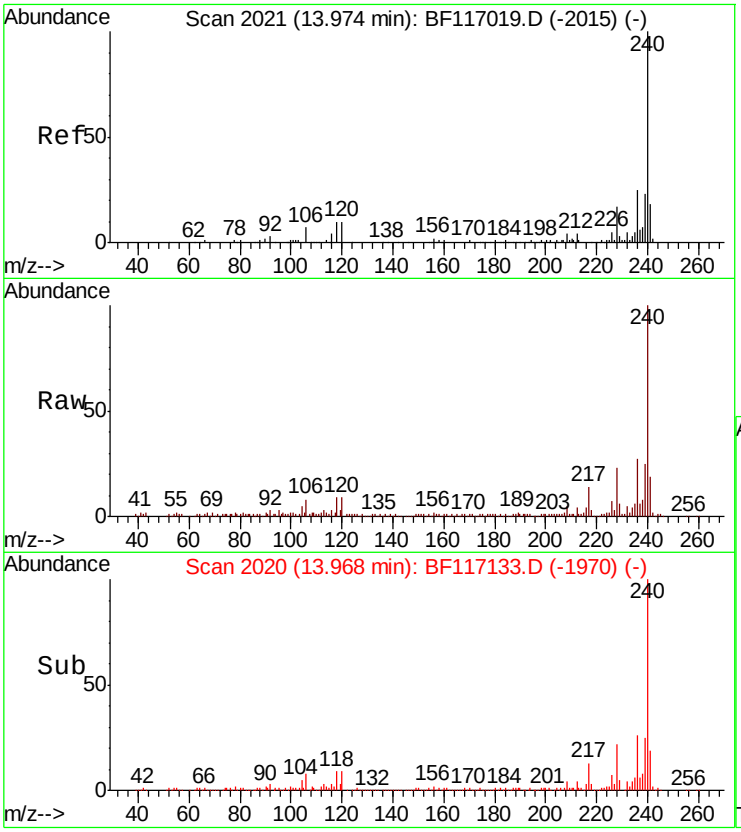


#75
Fluoranthene
Concen: 29.622 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:202 Resp: 324581

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.3
203	17.2	0.0	37.1



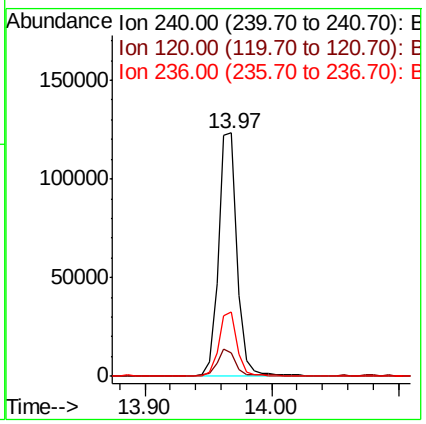


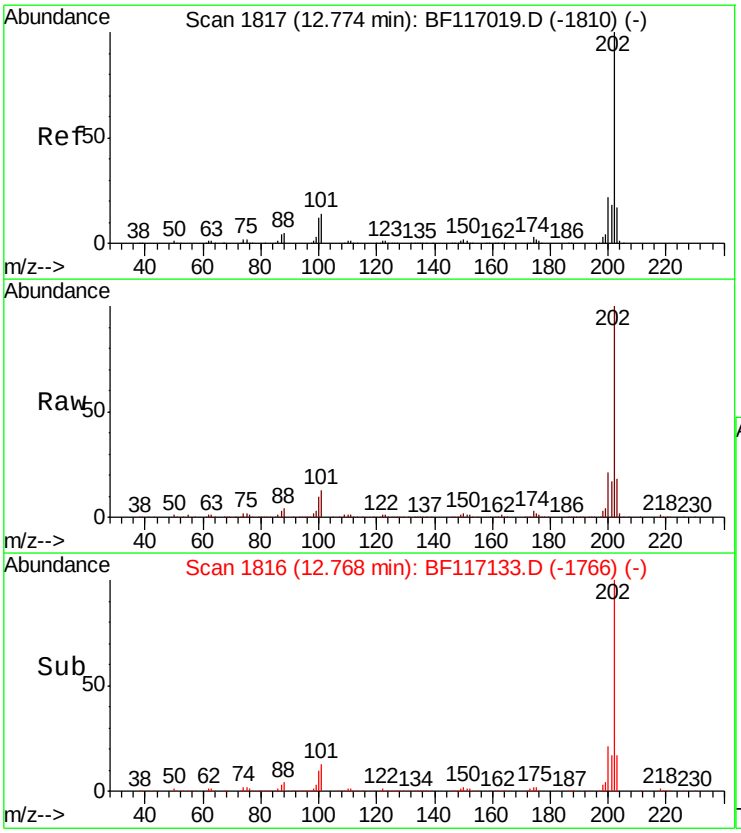
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 127180

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.3	12.5
236	26.6	20.3	30.5

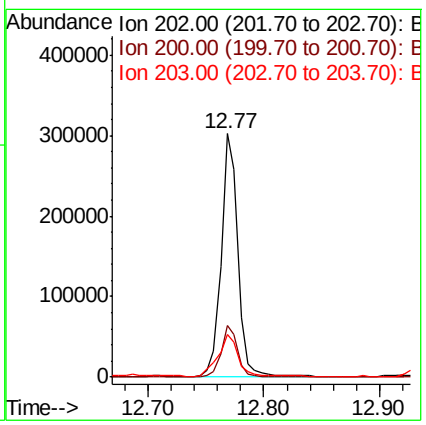


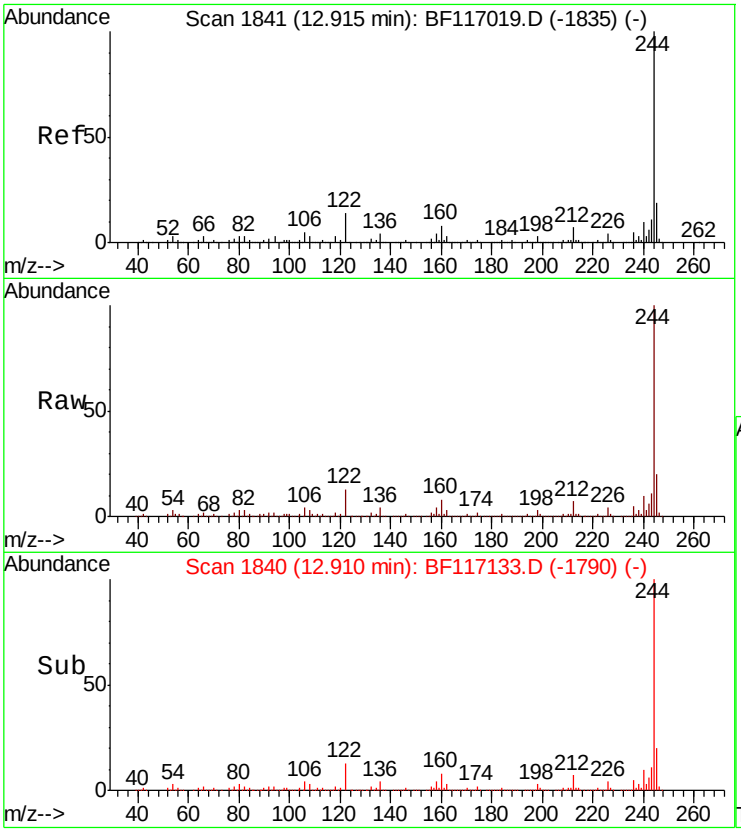


#78
Pyrene
Concen: 28.278 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:202 Resp: 301769

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.8	14.0	21.0



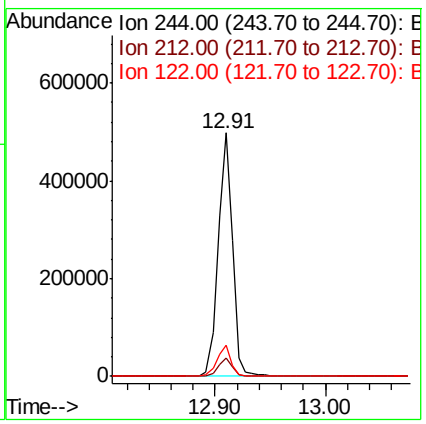


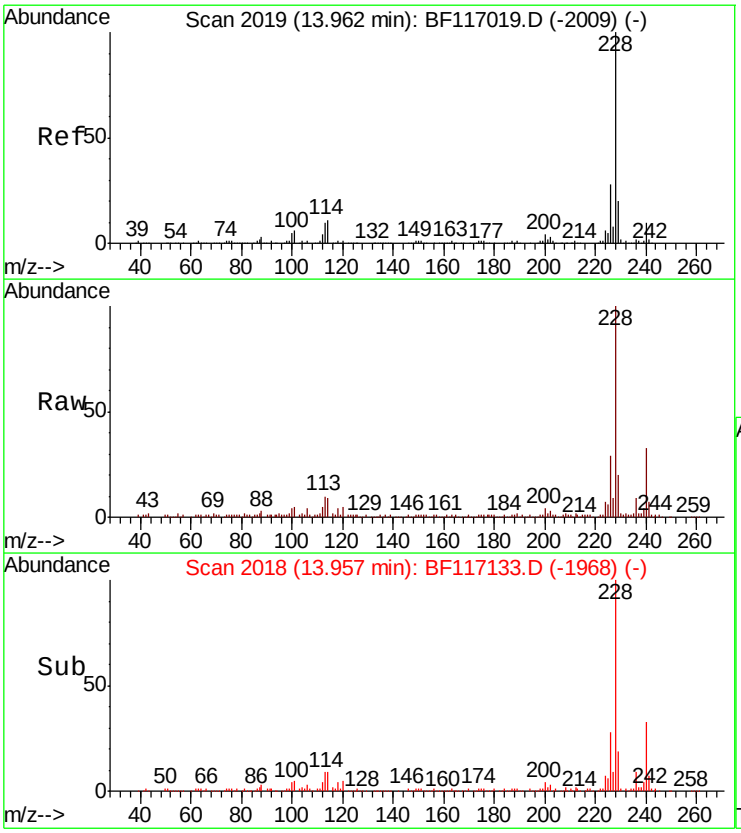
#79
Terphenyl-d14
Concen: 65.967 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 448831

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.9	11.3	16.9

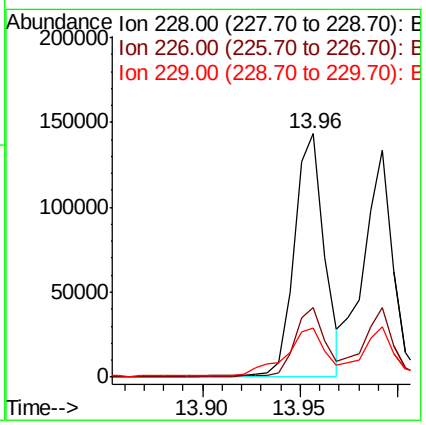


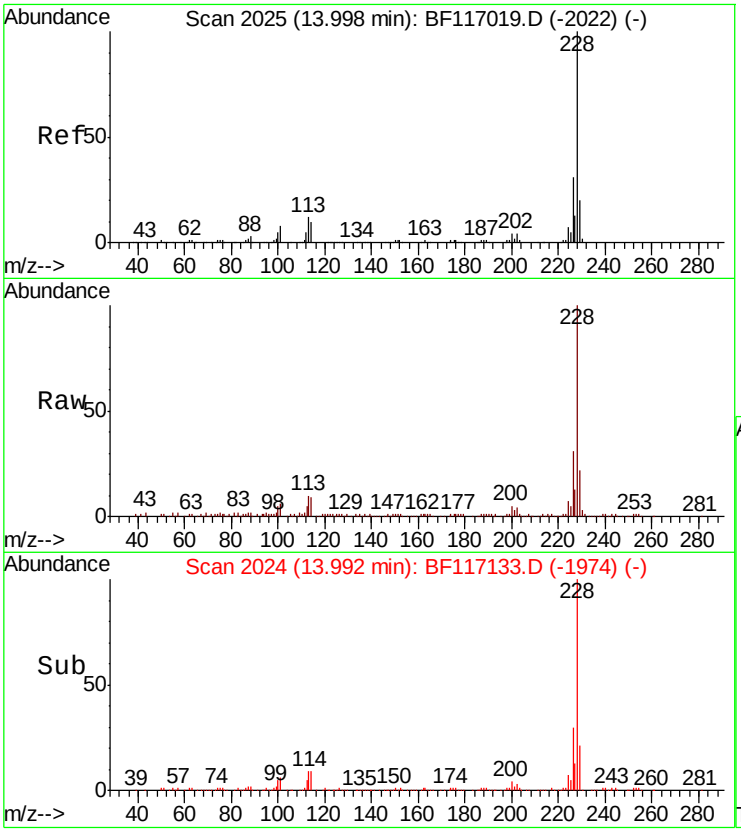


#81
Benzo(a)anthracene
Concen: 17.805 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:228 Resp: 151293

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	20.1	15.9	23.9



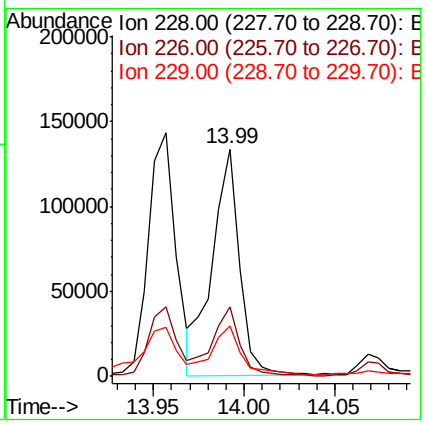


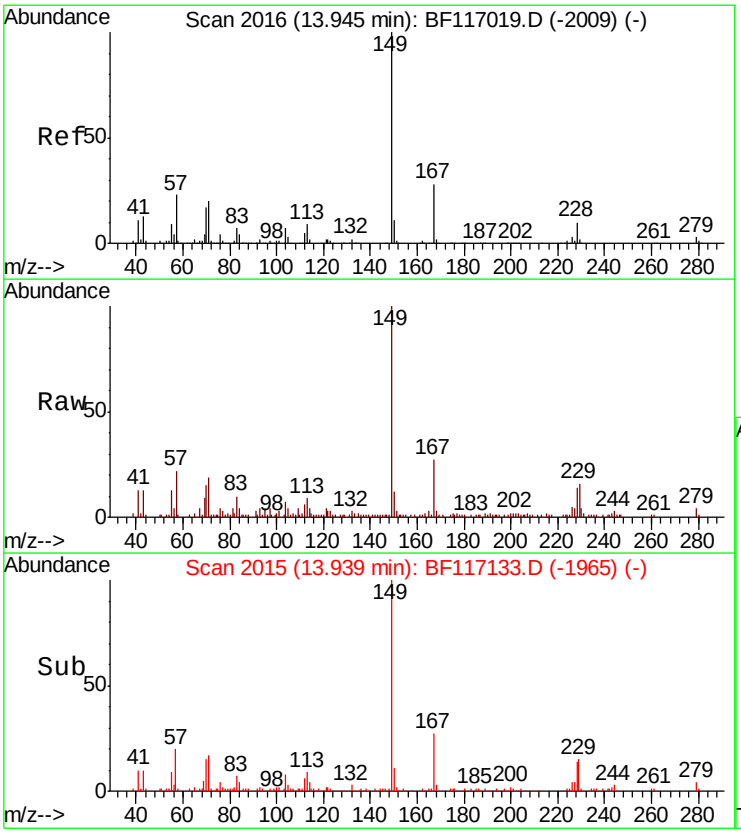
#83
Chrysene
Concen: 16.911 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 140147

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	21.9	15.8	23.8

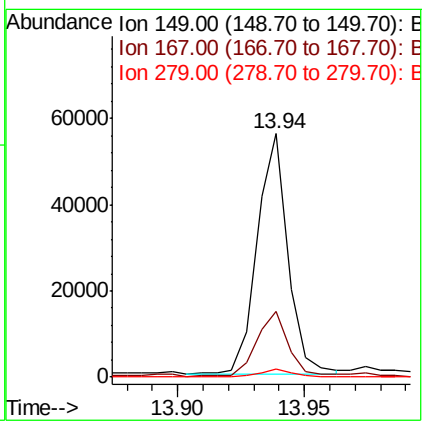


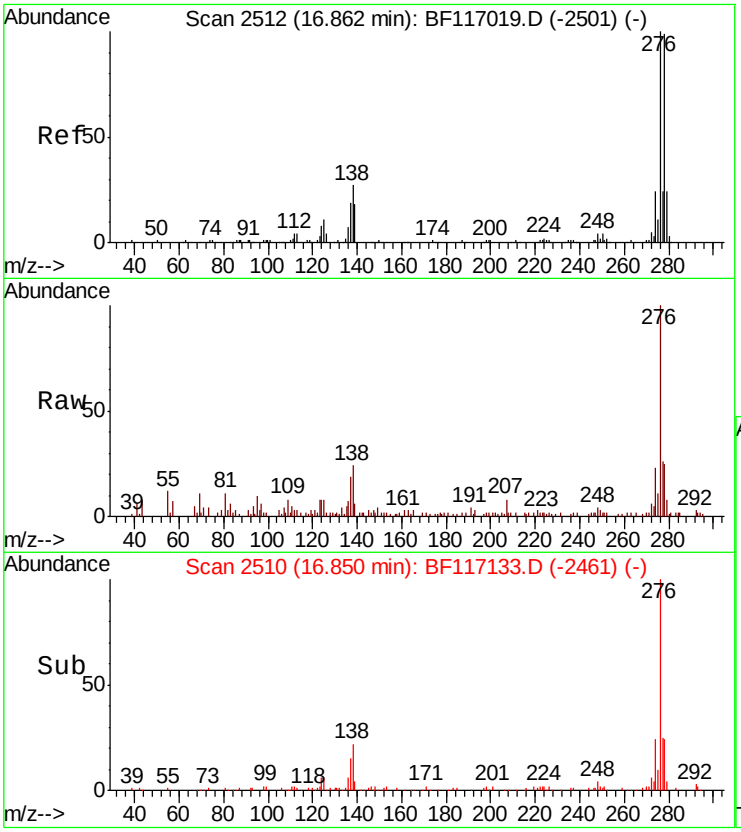


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.262 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:149 Resp: 47216

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	3.6	2.8	4.2



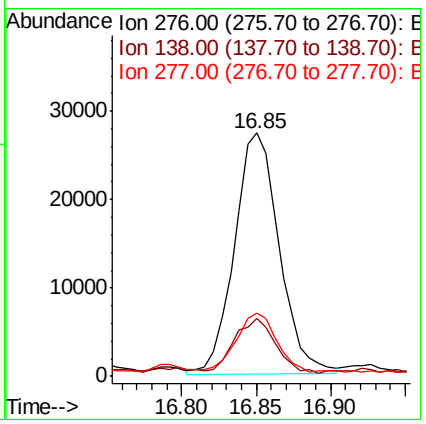


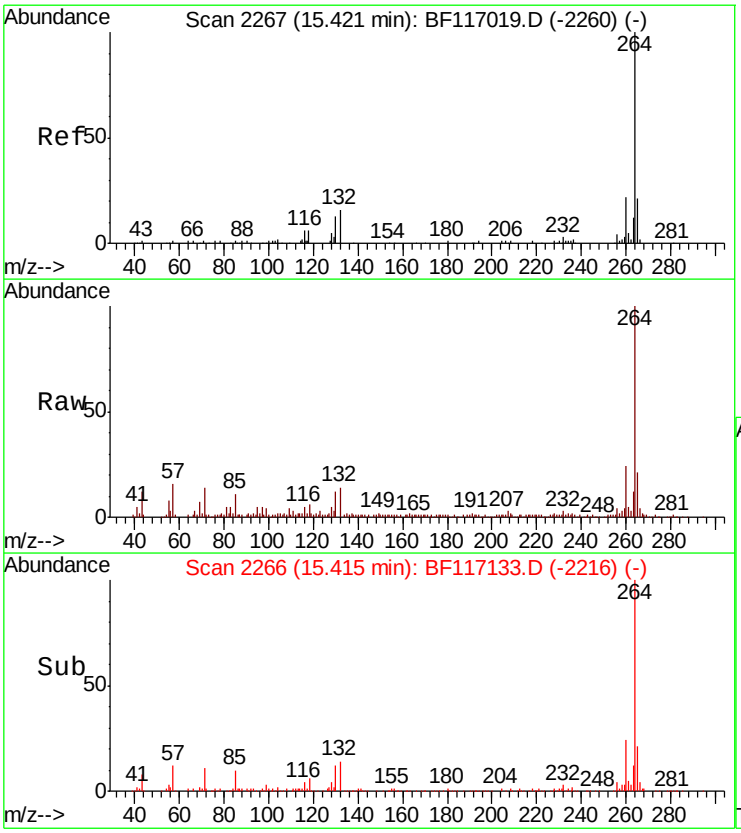
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.422 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 56969

Ion	Ratio	Lower	Upper
276	100		
138	20.9	20.7	31.1
277	21.4	19.8	29.8

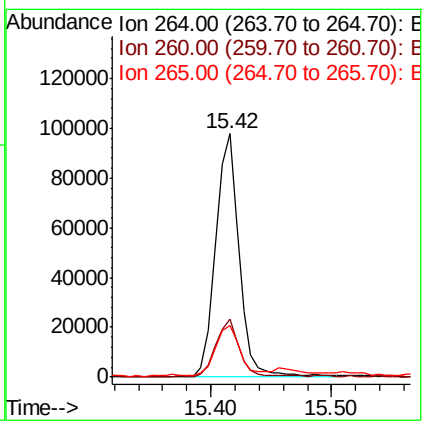


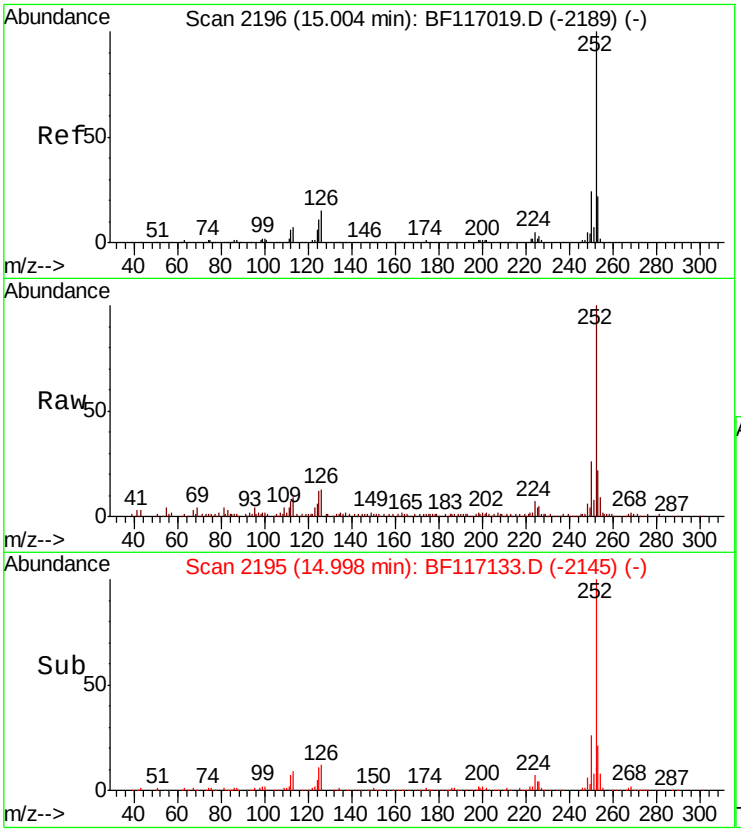


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:264 Resp: 131340

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.6	26.4
265	21.2	16.6	24.8



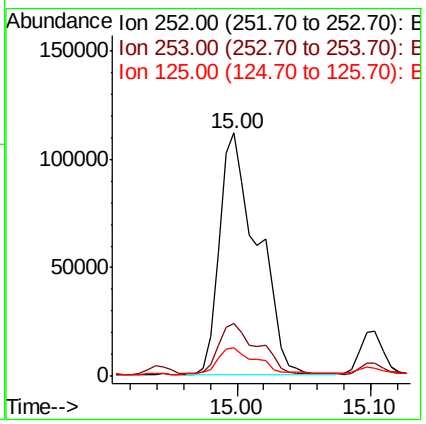


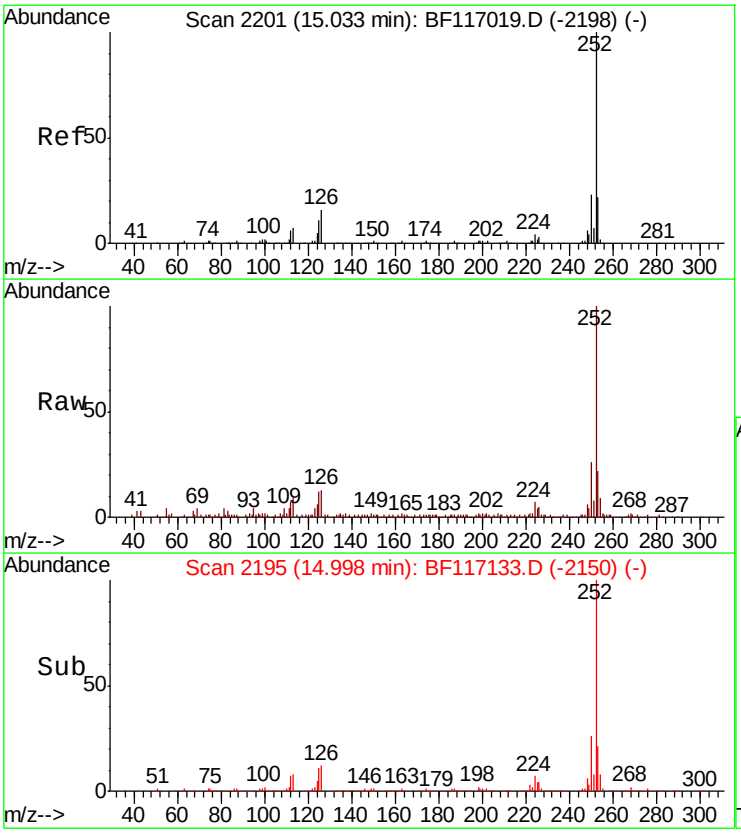
#88
Benzo(b)fluoranthene
Concen: 27.964 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 222475

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.8	8.6	12.8

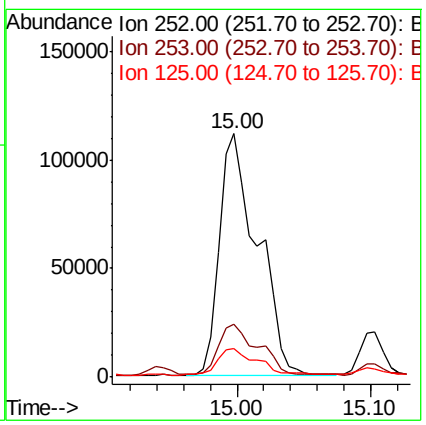


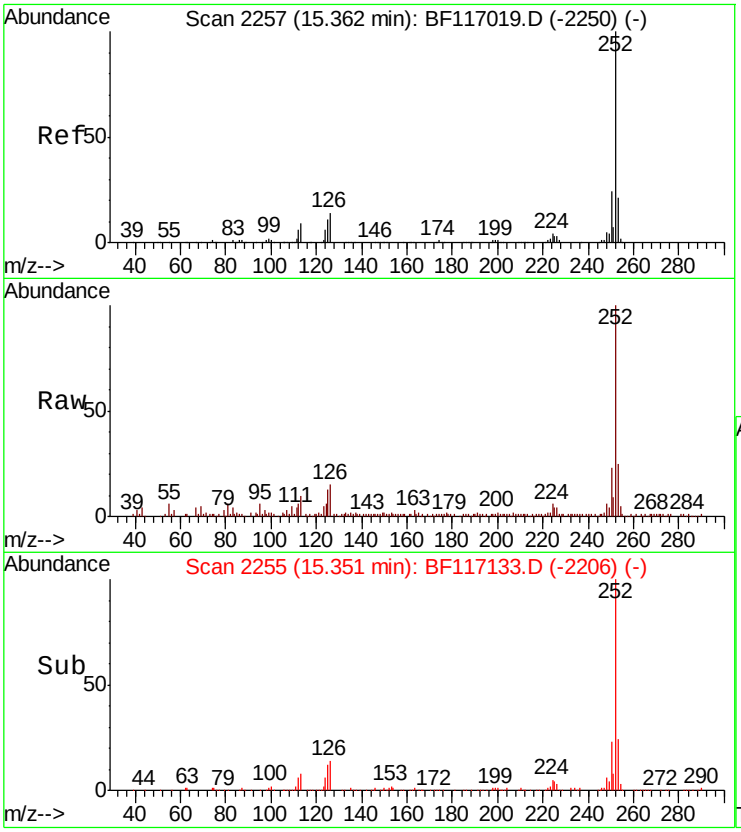


#89
Benzo(k)fluoranthene
Concen: 29.521 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.04 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:252 Resp: 222475

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.8	8.8	13.2



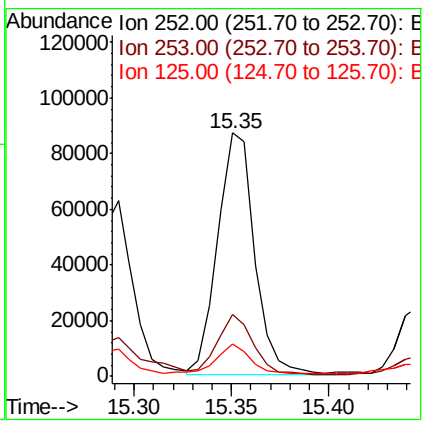


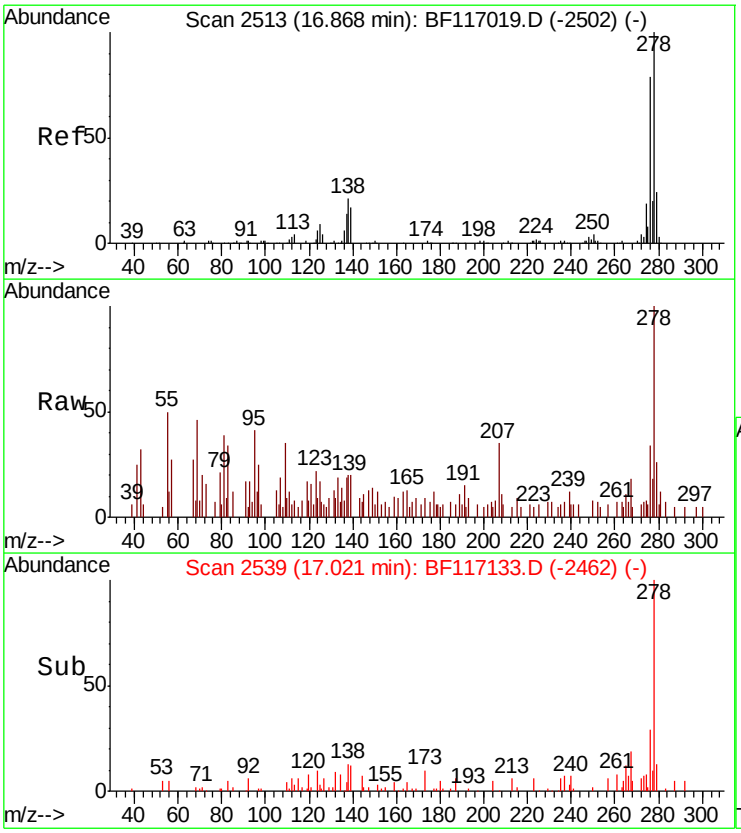
#90
Benzo(a)pyrene
Concen: 16.437 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 114753

Ion	Ratio	Lower	Upper
252	100		
253	25.2	16.6	25.0#
125	13.4	8.9	13.3#

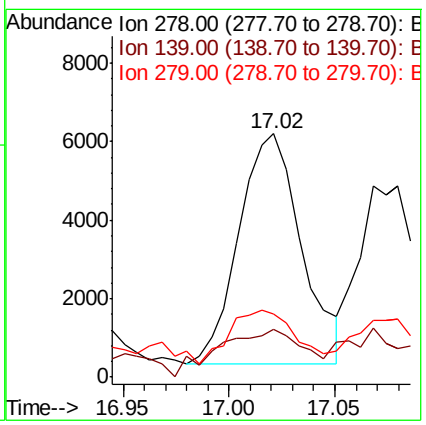


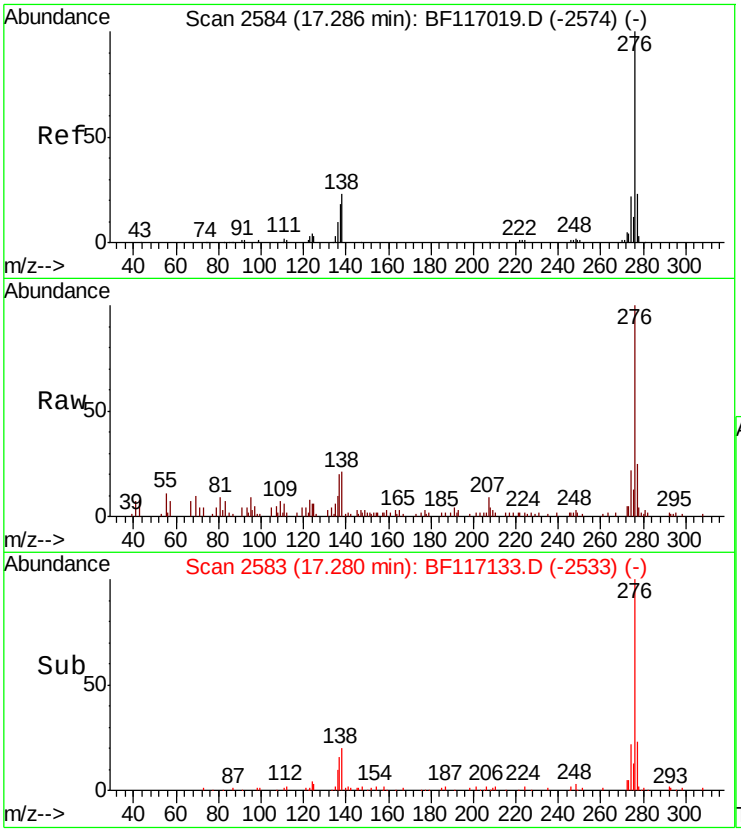


#91
Dibenzo(a,h)anthracene
Concen: 2.159 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.15 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Tgt Ion:278 Resp: 12008

Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.5	20.3
279	25.8	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 9.439 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF117133.D
Acq: 18 Sep 2019 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 52310

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	21.5	18.0	27.0