Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117131.D
Acq On : 18 Sep 2019 2:10
Operator : HP/JU
Sample : K4923-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 18 05:26:40 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	63136	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	253102	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	131658	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	223957	20.00	ng	0.00
76) Chrysene-d12	13.96	240	144919	20.00	ng	-0.01
87) Perylene-d12	15.41	264	131749	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	360520	89.15	ng	0.00
7) Phenol-d6	6.46	99	508216	97.24	ng	0.00
23) Nitrobenzene-d5	7.38	82	317123	65.83	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	106192	96.51	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	567685	67.42	ng	0.00
79) Terphenyl-d14	12.91	244	539982	69.65	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	812	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.38	70	42189	13.257	ng	# 80
25) Isophorone	7.38	82	317121	37.181	ng	# 66
50) Dimethylphthalate	9.57	163	82511	8.851	ng	97
57) 2,4-Dinitrotoluene	9.85	165	16020	6.500	ng	# 18
67) 4-Bromophenyl-phenylether	10.64	248	6654	2.909	ng	# 1
75) Fluoranthene	12.55	202	50501	3.864	ng	97
78) Pyrene	12.77	202	43455	3.574	ng	97
88) Benzo(b)fluoranthene	15.00	252	26285	3.294	ng	95
89) Benzo(k)fluoranthene	15.00	252	26285	3.477	ng	95

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

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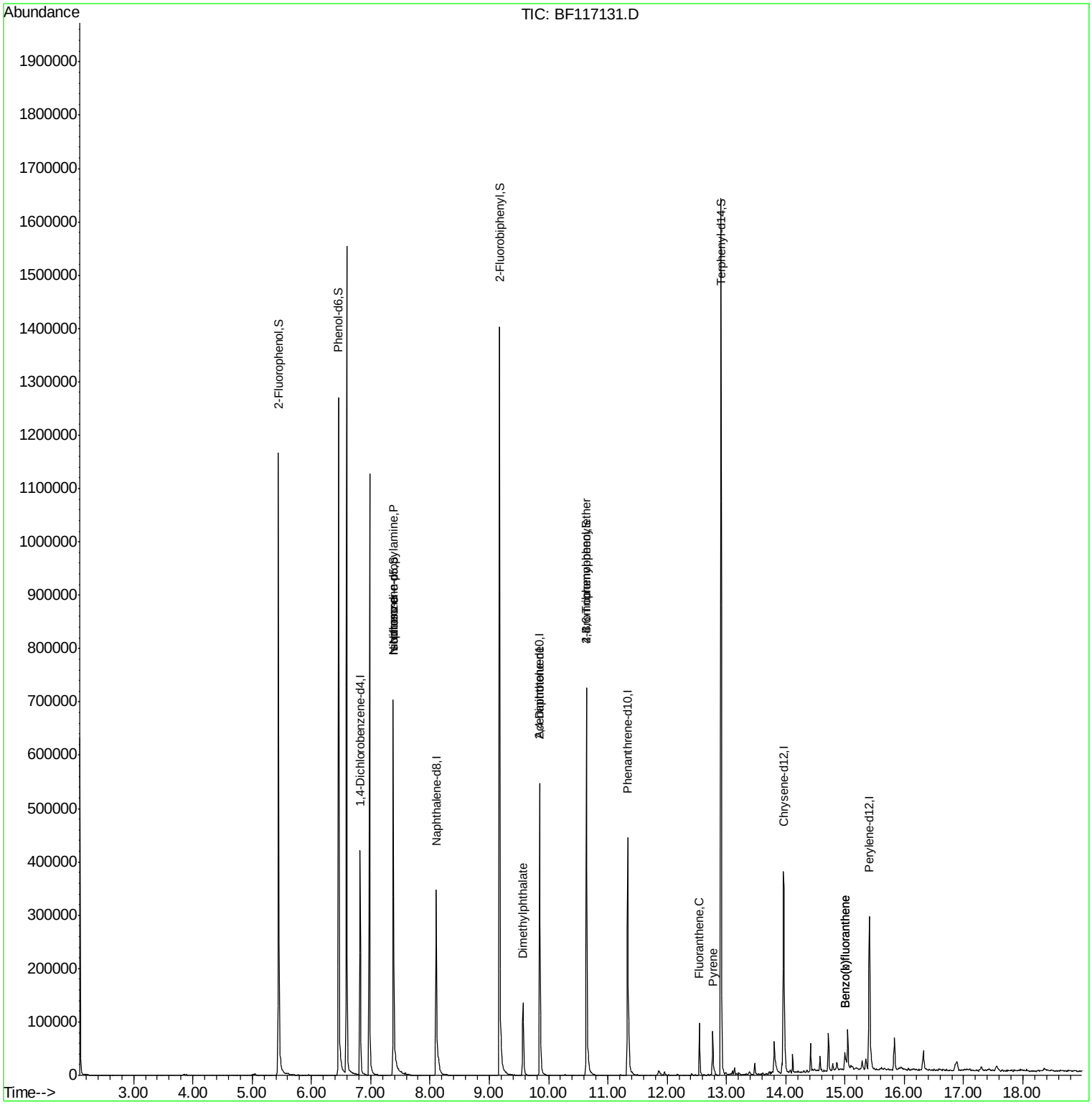
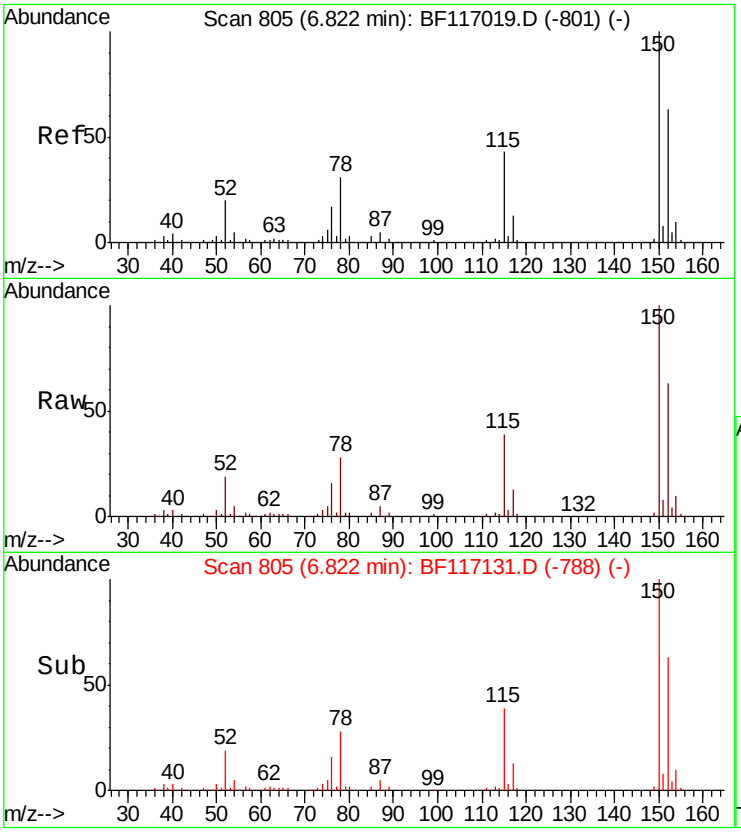


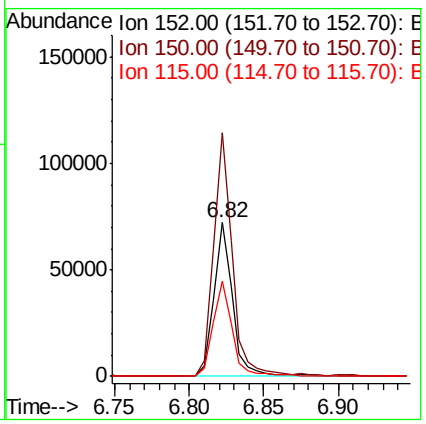


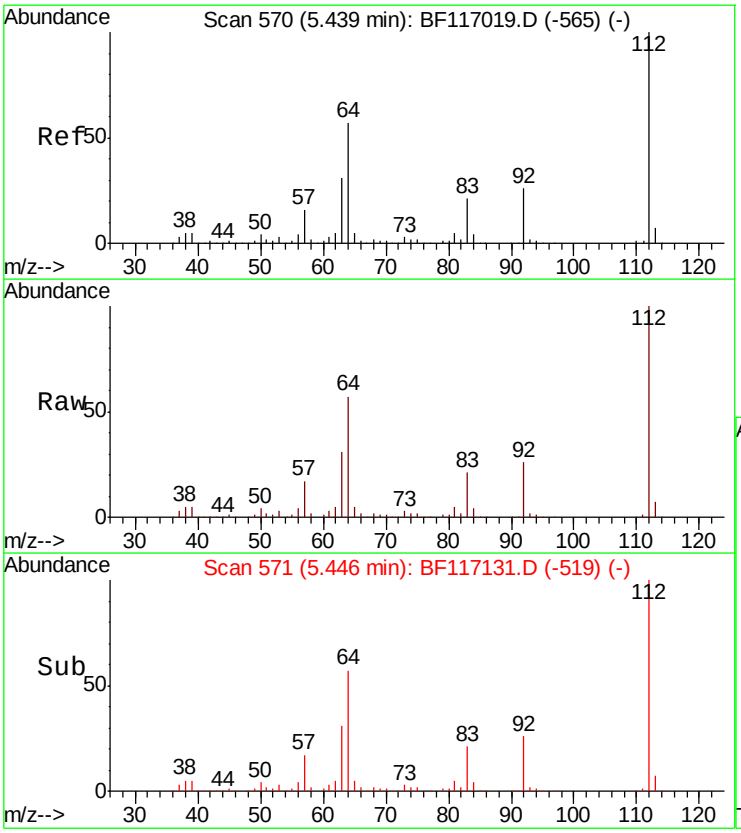
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63136

Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.5	191.3
115	62.0	55.0	82.4

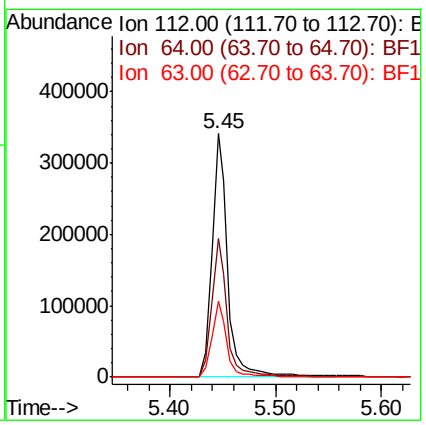


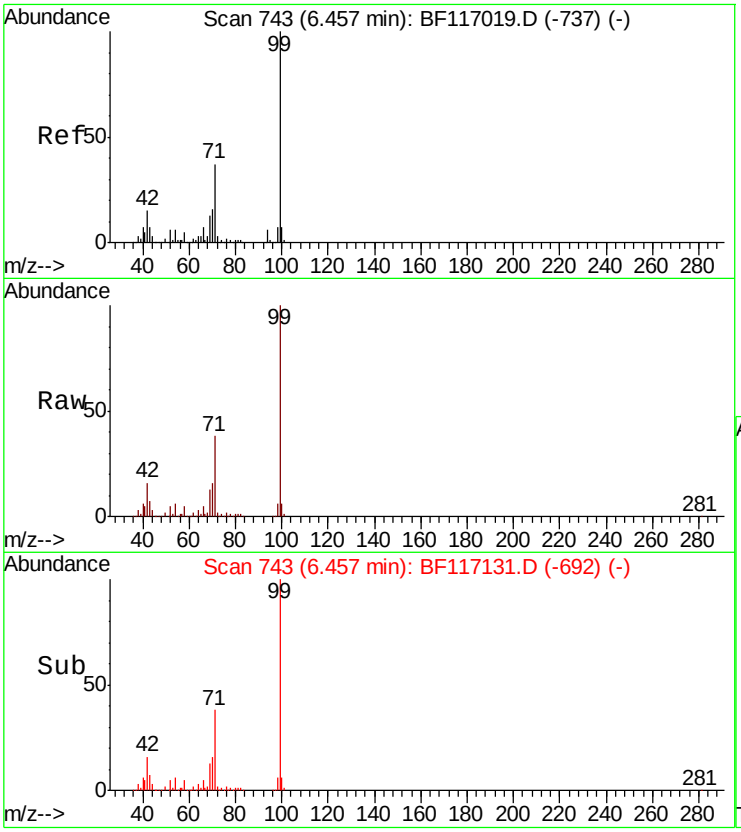


#5
2-Fluorophenol
Concen: 89.151 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion:112 Resp: 360520

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.7	68.5
63	31.2	24.9	37.3



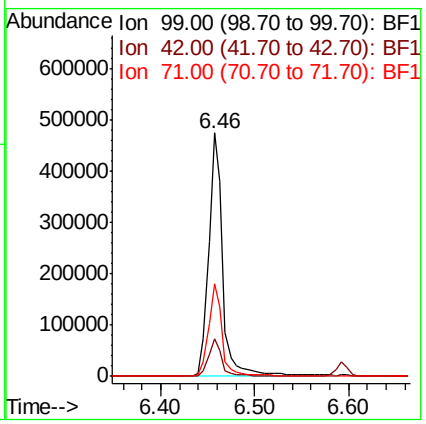


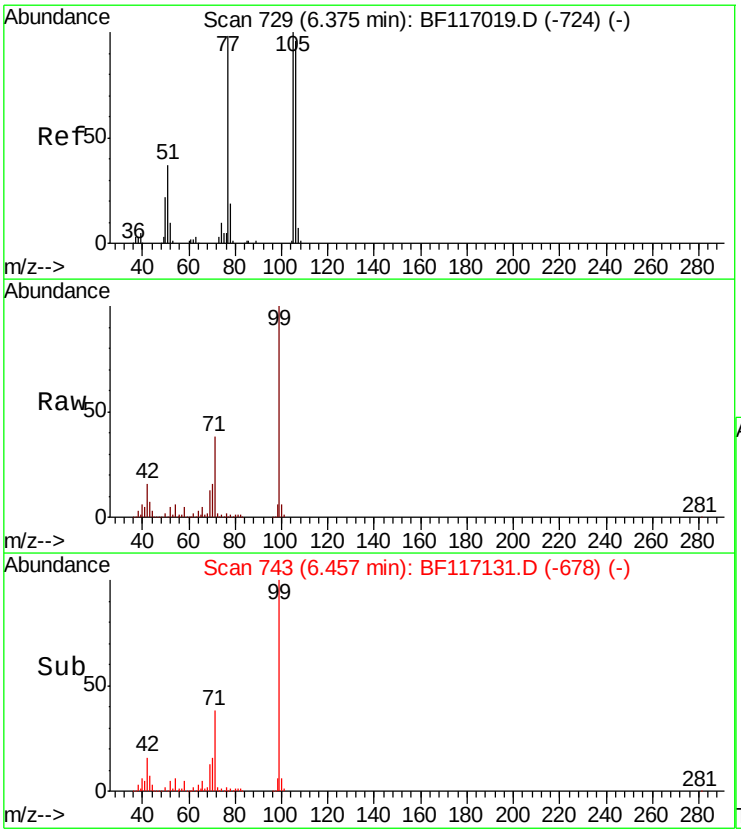
#7
Phenol-d6
Concen: 97.243 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 508216

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	38.0	29.8	44.8

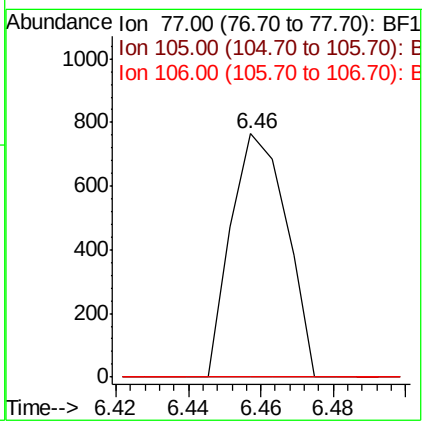


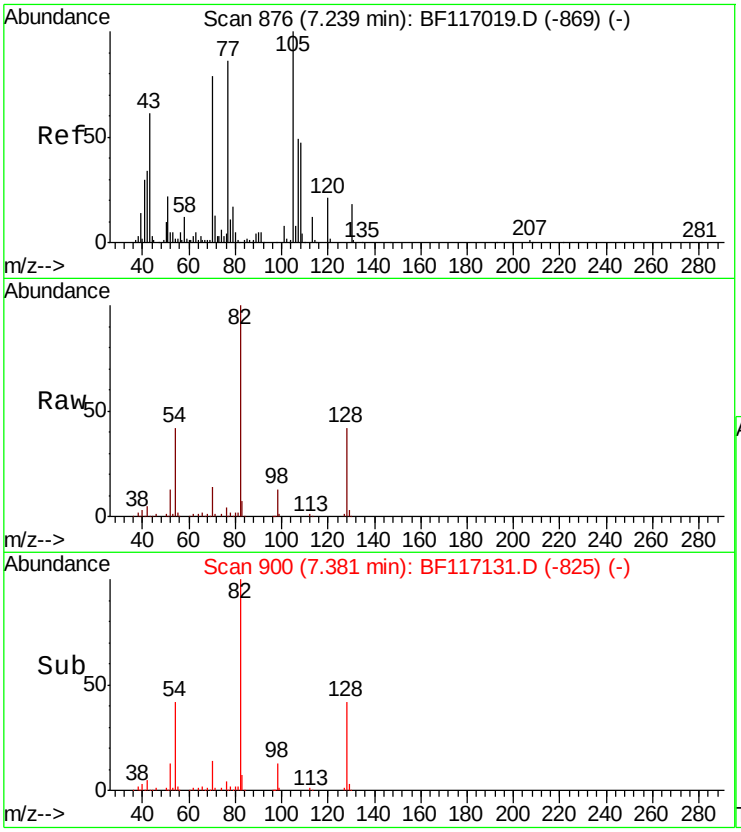


#9
Benzaldehyde
Concen: Below Cal
RT: 6.46 min Scan# 743
Delta R.T. 0.08 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion: 77 Resp: 812

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



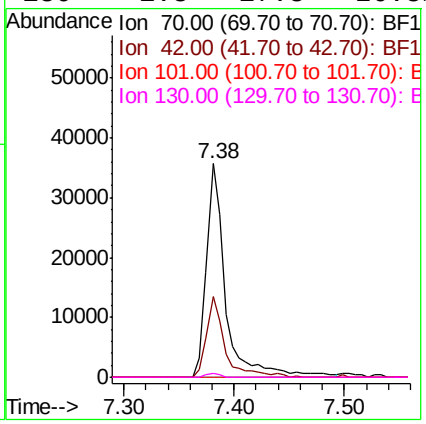


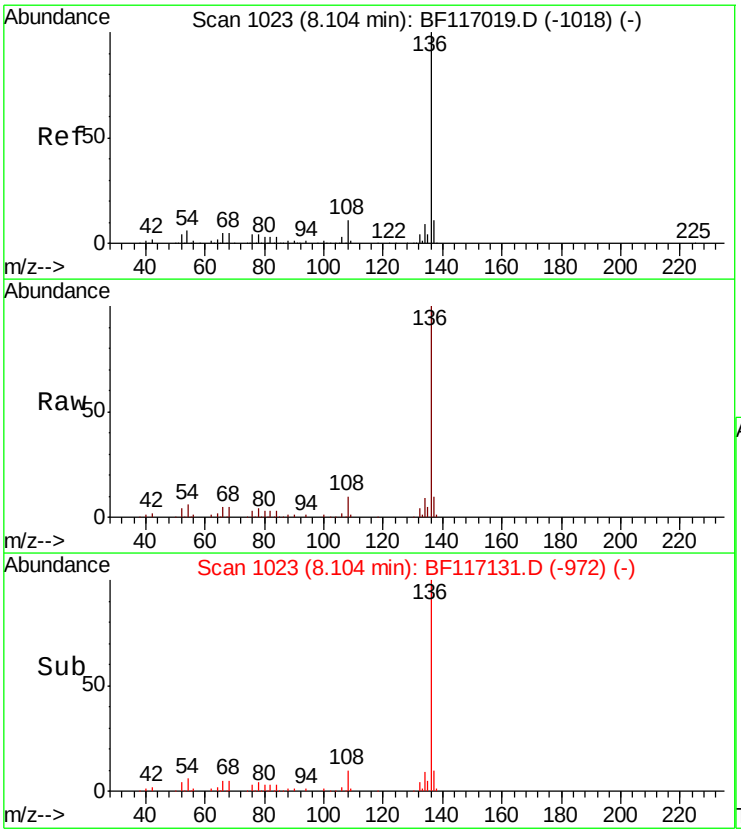
#19
n-Nitroso-di-n-propylamine
Concen: 13.257 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 42189

Ion	Ratio	Lower	Upper
70	100		
42	37.9	34.0	51.0
101	0.0	7.8	11.6#
130	1.8	17.8	26.8#

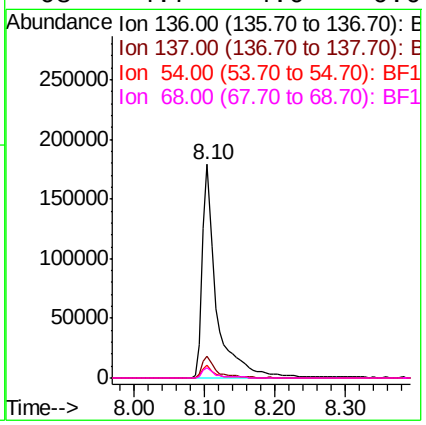


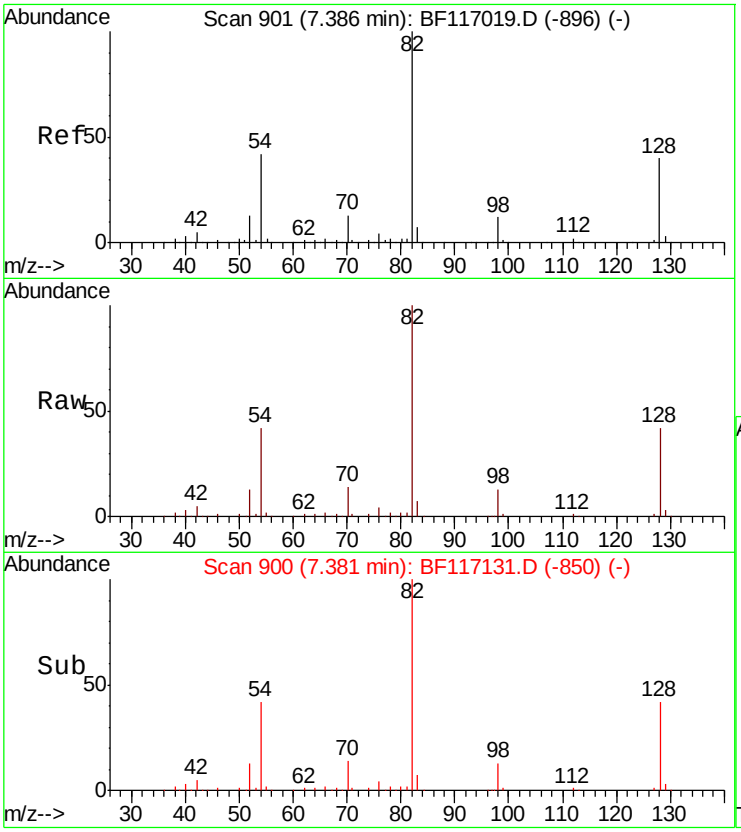


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion:136 Resp: 253102

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	5.7	4.5	6.7
68	4.7	4.0	6.0



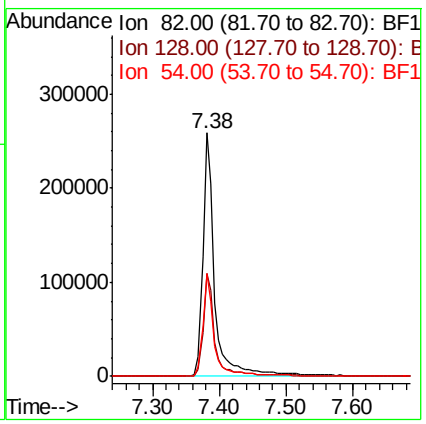


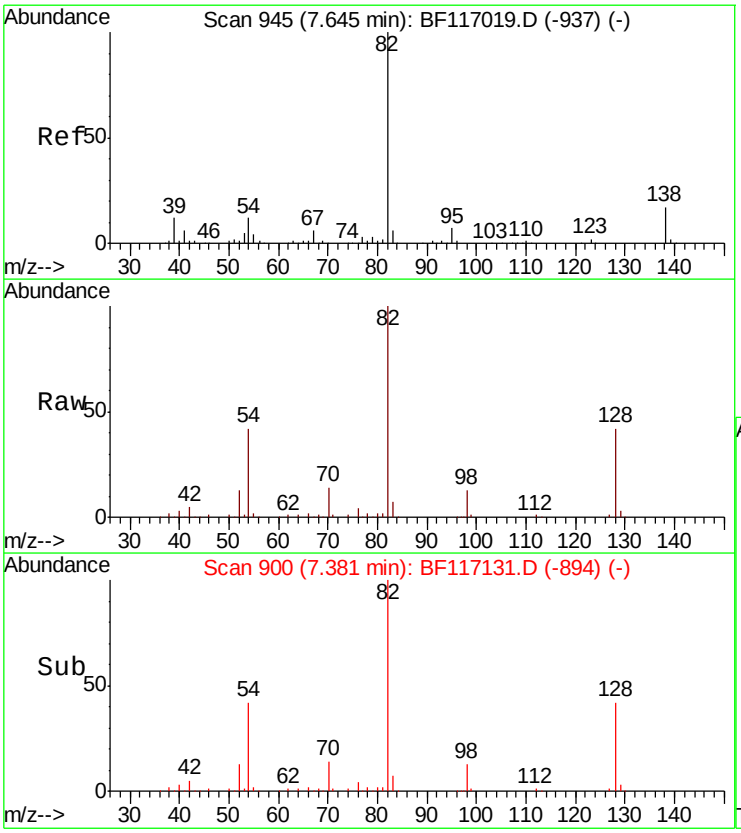
#23
Nitrobenzene-d5
Concen: 65.833 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 317123

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.3	48.5
54	42.3	33.3	49.9

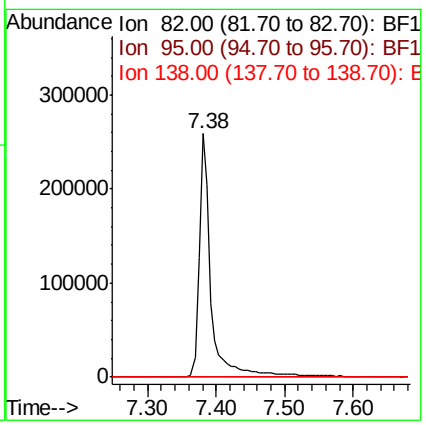


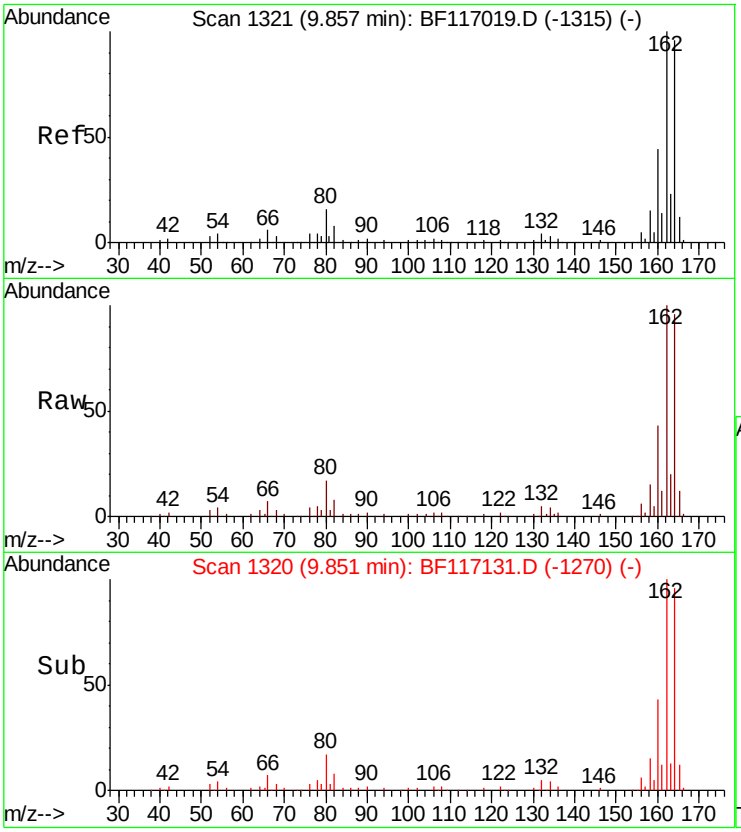


#25
Isophorone
Concen: 37.181 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion: 82 Resp: 317121

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



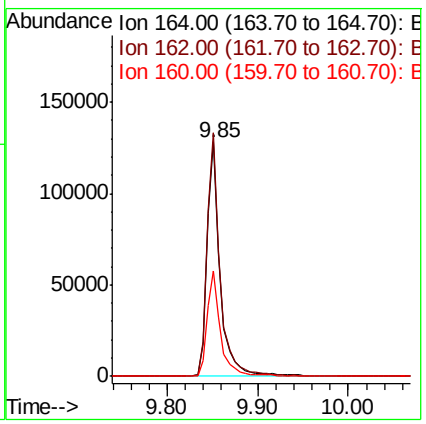


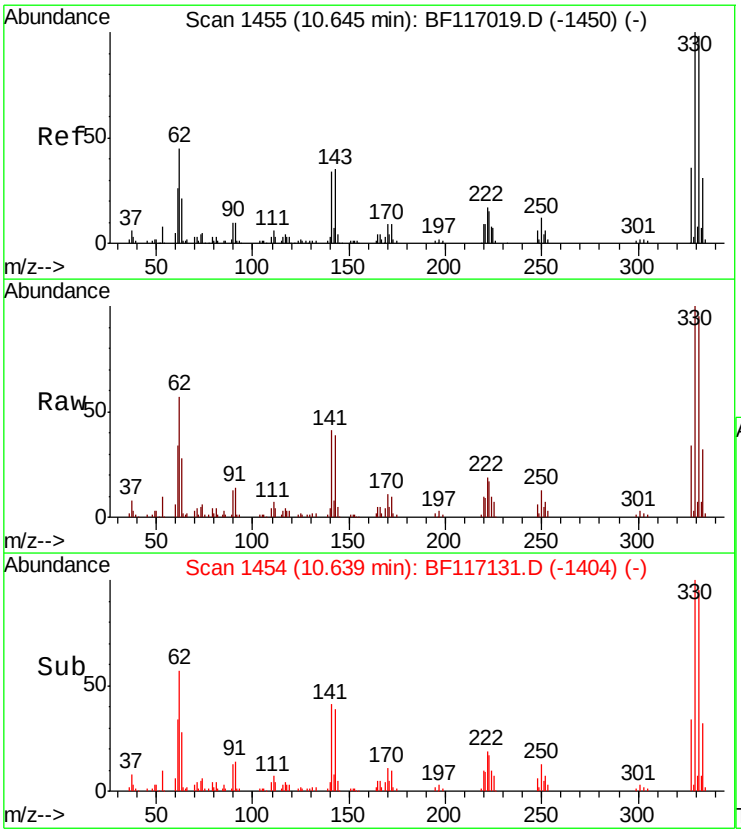
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 131658

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.4	125.2
160	44.9	36.4	54.6

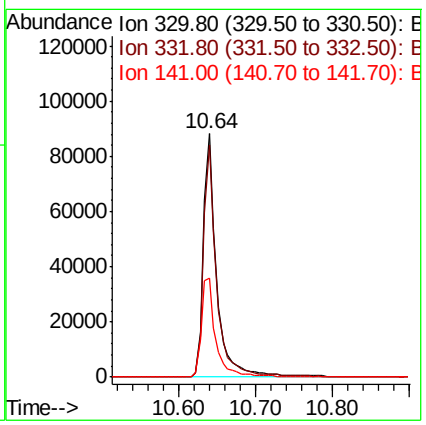


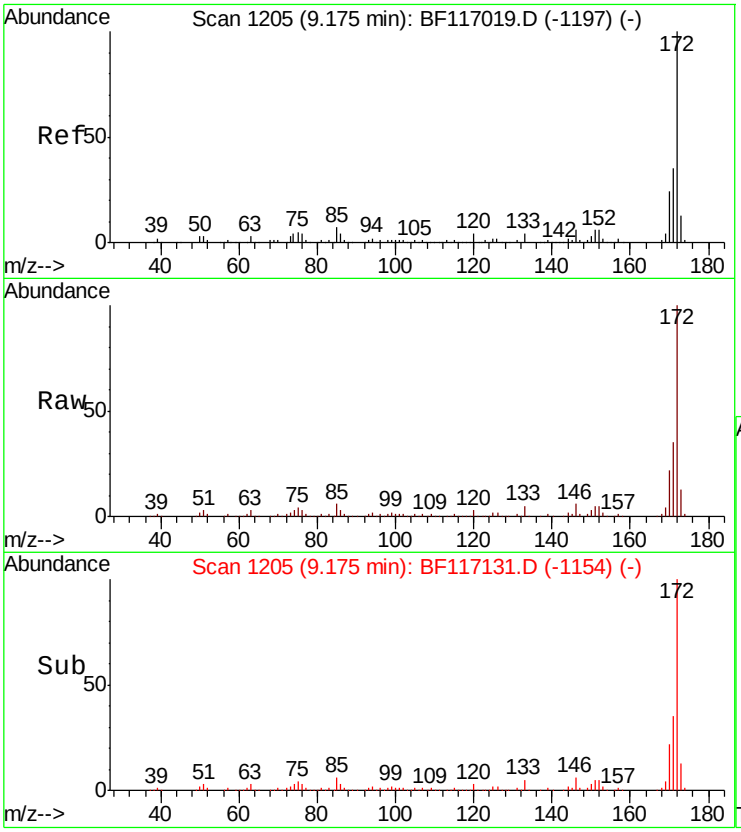


#42
2,4,6-Tribromophenol
Concen: 96.507 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion:330 Resp: 106192

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.0	117.0
141	44.0	35.8	53.6



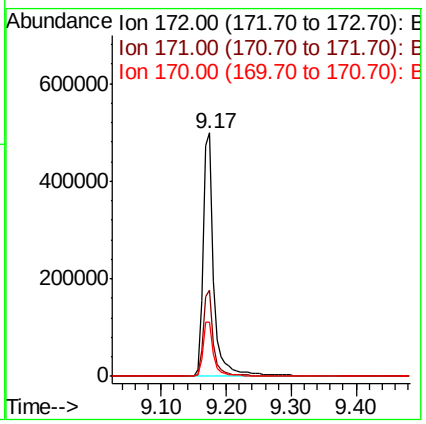


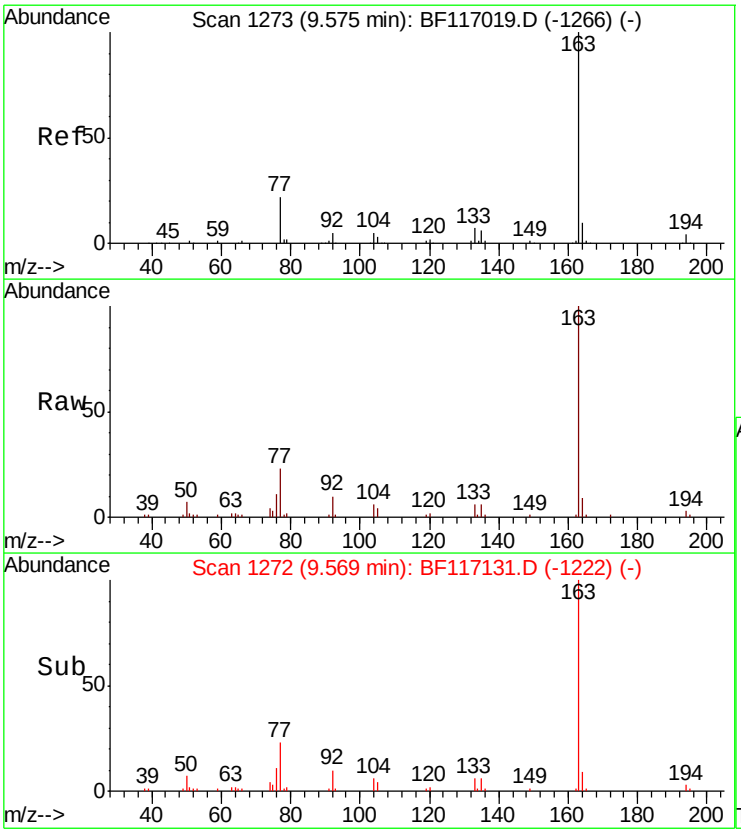
#45
2-Fluorobiphenyl
Concen: 67.418 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 567685

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	22.5	18.9	28.3

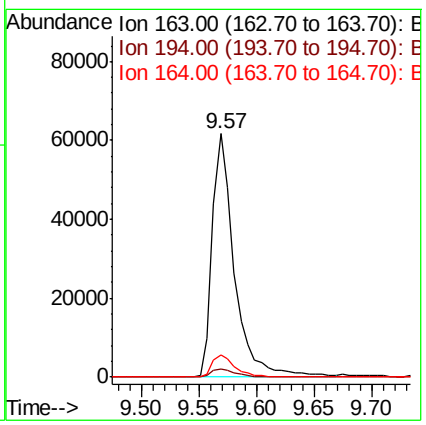


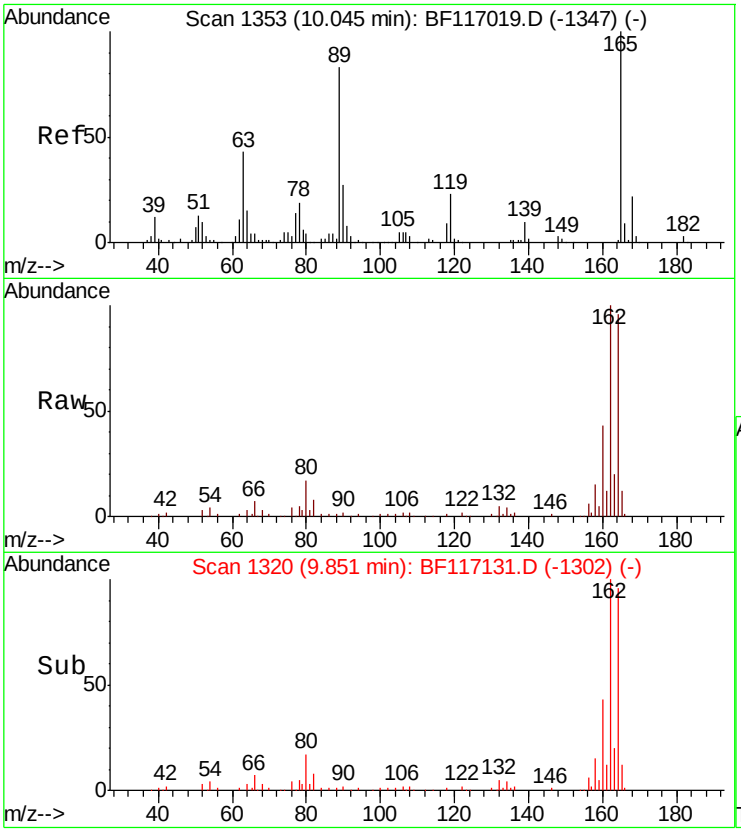


#50
Dimethylphthalate
Concen: 8.851 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion:163 Resp: 82511

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	9.0	8.2	12.4



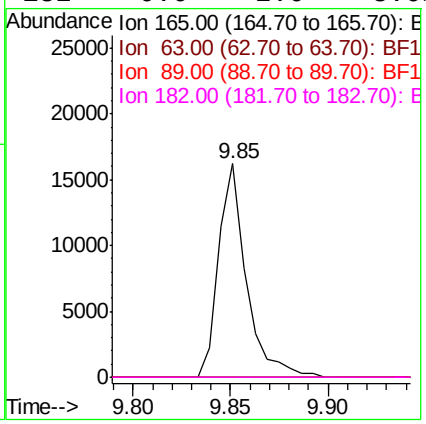


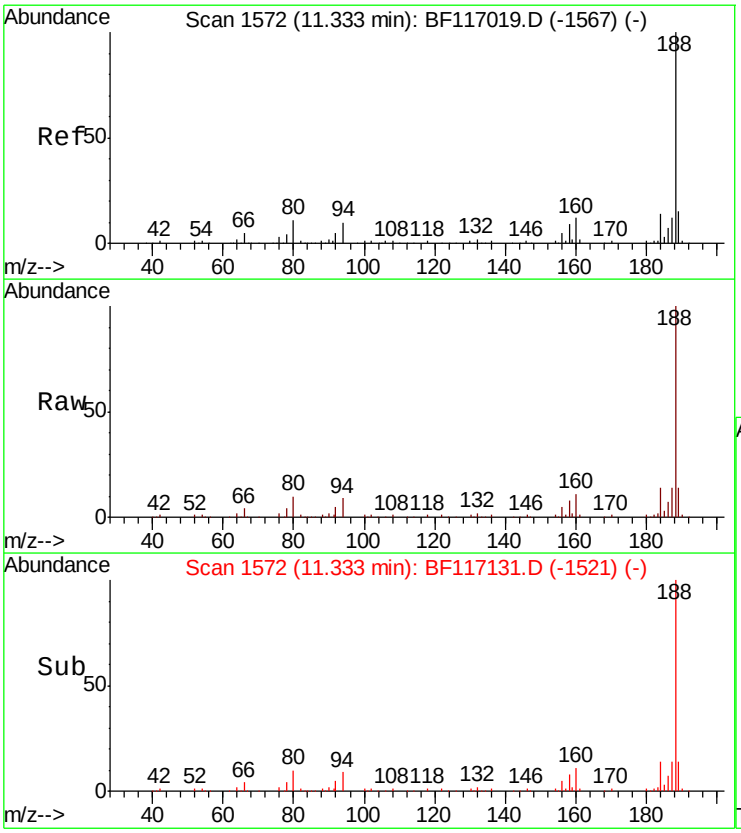
#57
2,4-Dinitrotoluene
Concen: 6.500 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16020

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#

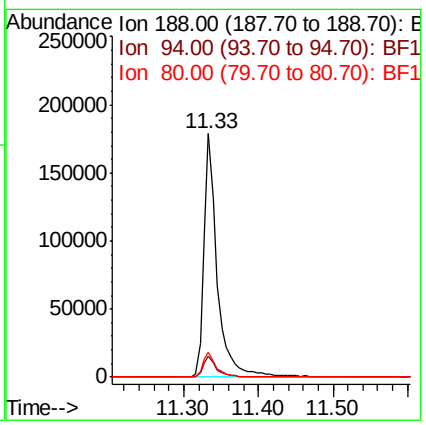


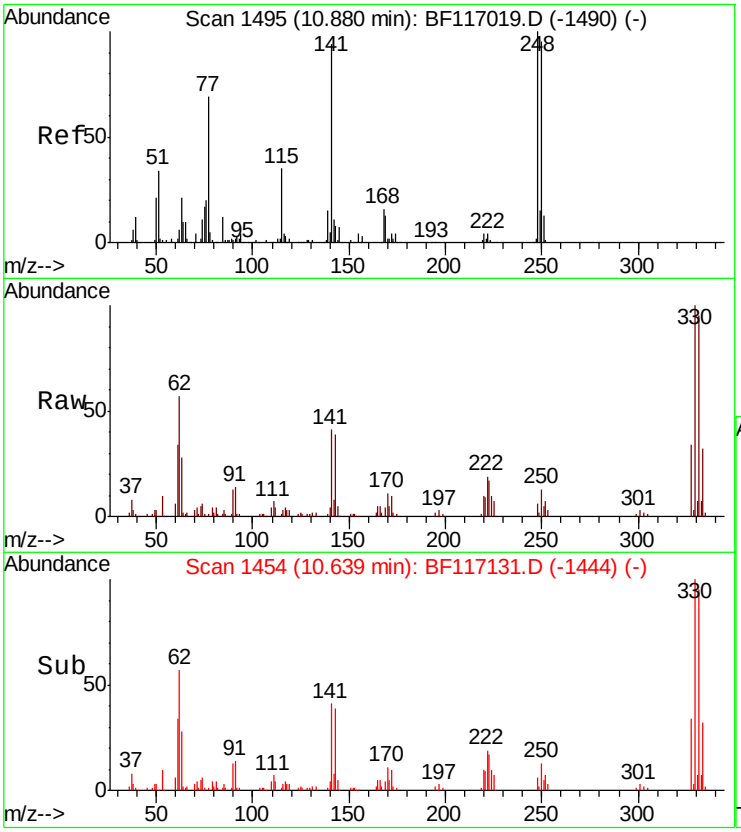


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion:188 Resp: 223957

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	10.4	9.0	13.6



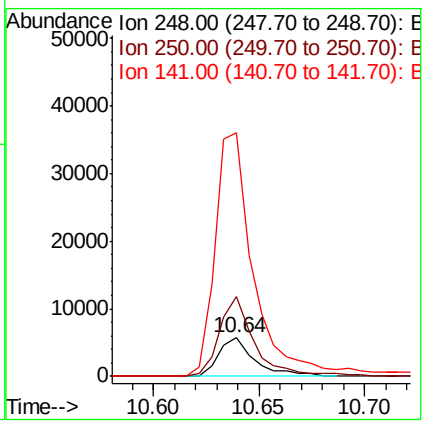


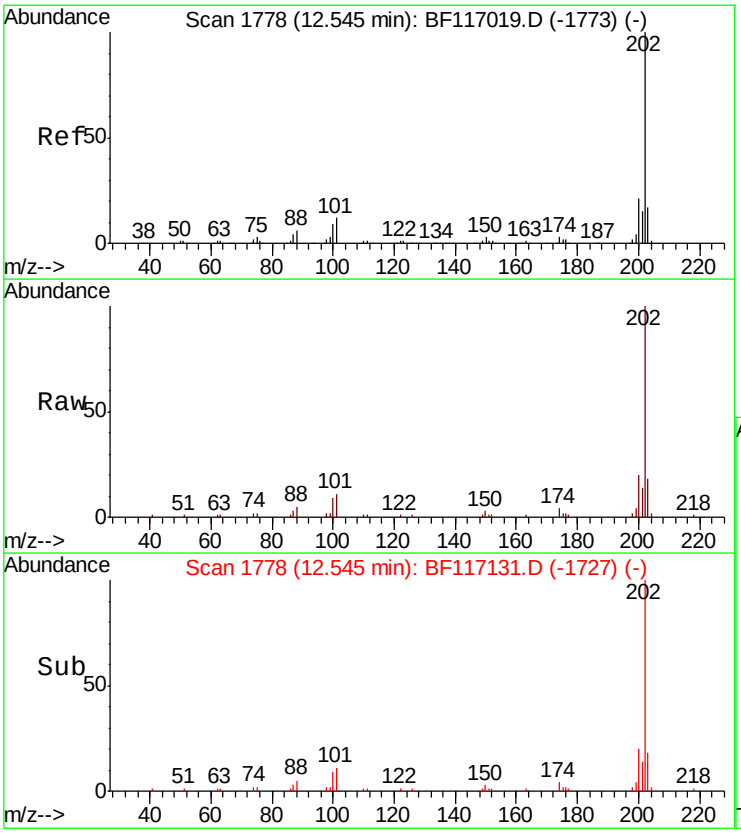
#67
4-Bromophenyl-phenylether
Concen: 2.909 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6654

Ion	Ratio	Lower	Upper
248	100		
250	208.1	76.2	114.4#
141	631.4	75.0	112.4#

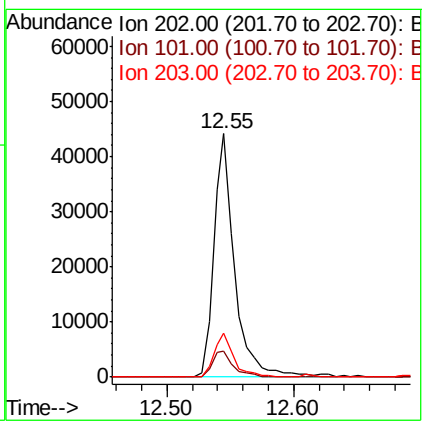


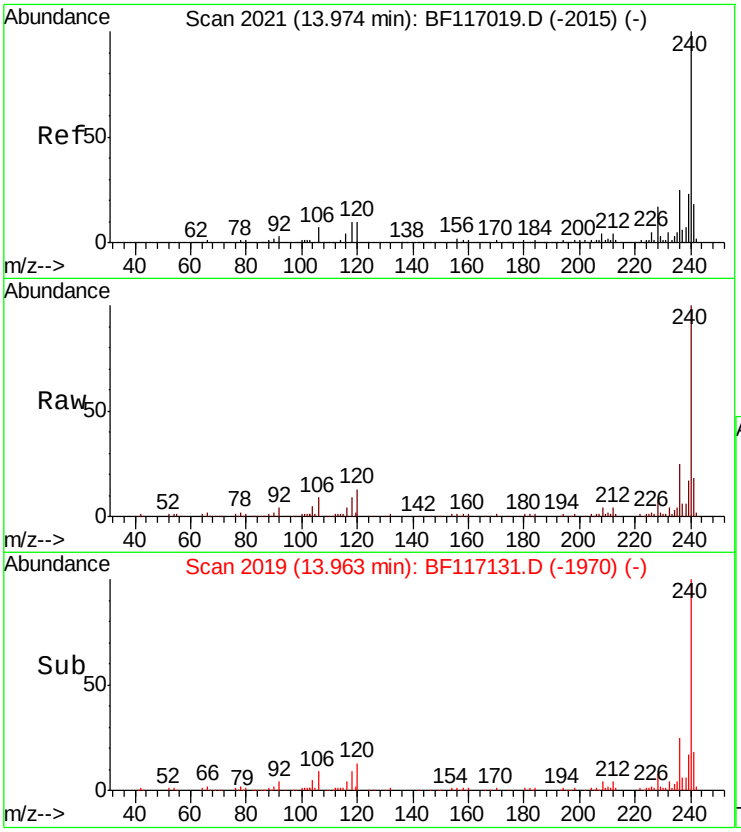


#75
Fluoranthene
Concen: 3.864 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion:202 Resp: 50501

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.3
203	18.0	0.0	37.1



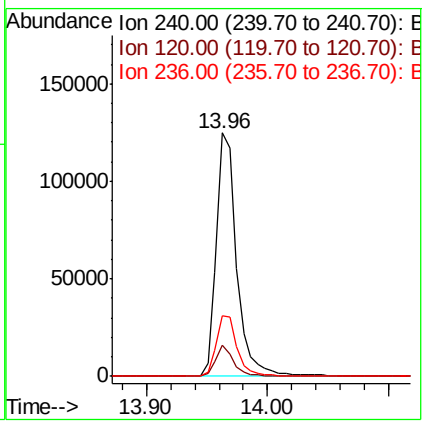


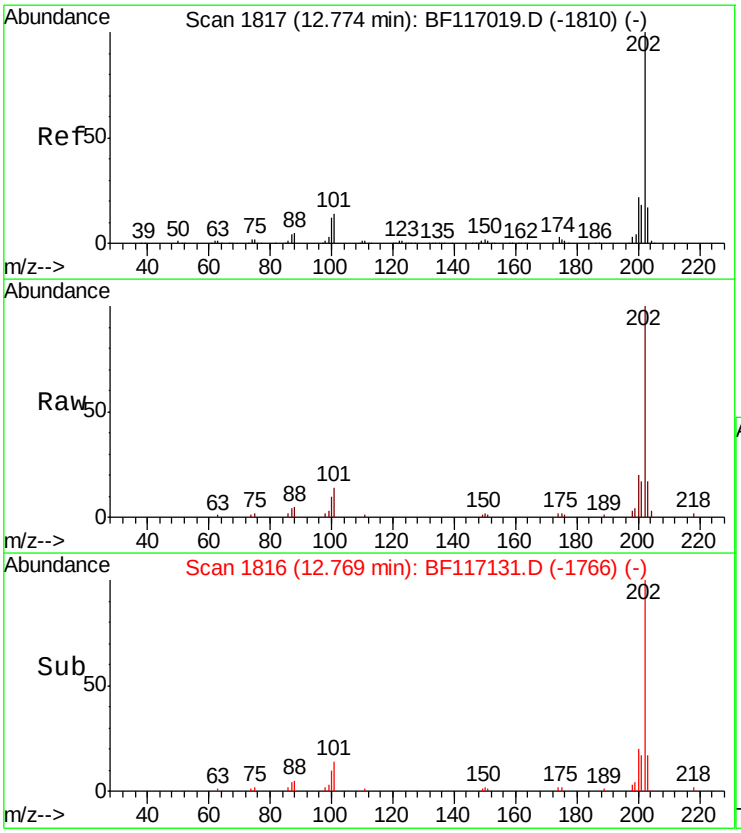
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 144919

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	25.0	20.3	30.5

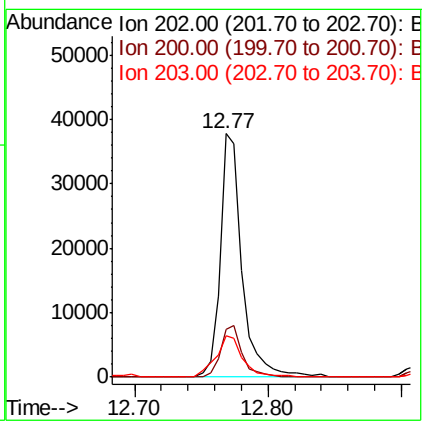


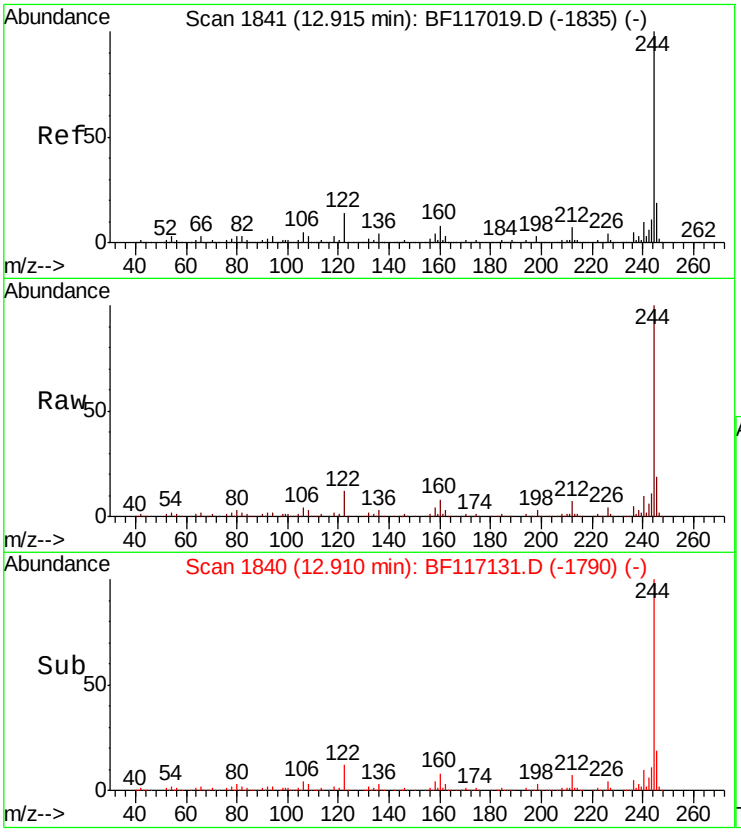


#78
Pyrene
Concen: 3.574 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion:202 Resp: 43455

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.2	25.8
203	17.0	14.0	21.0



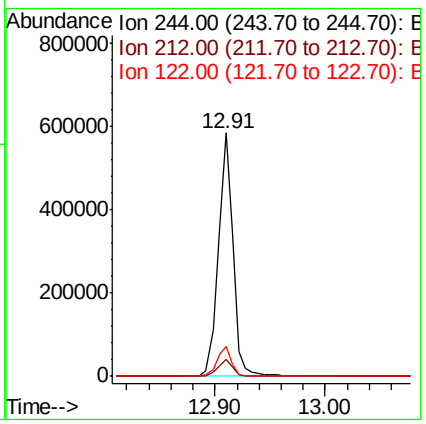


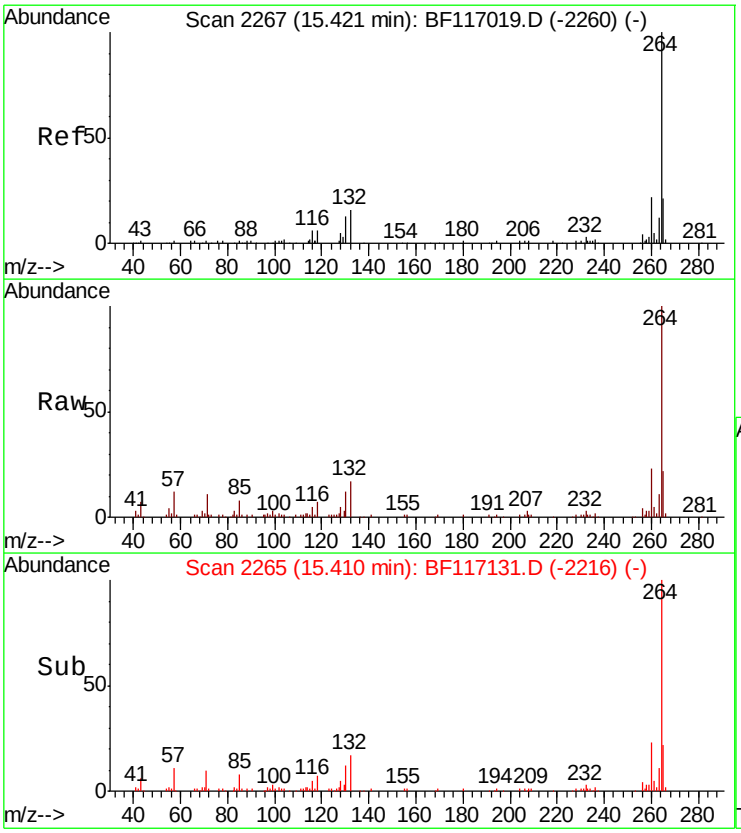
#79
Terphenyl-d14
Concen: 69.649 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 539982

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.2	11.3	16.9

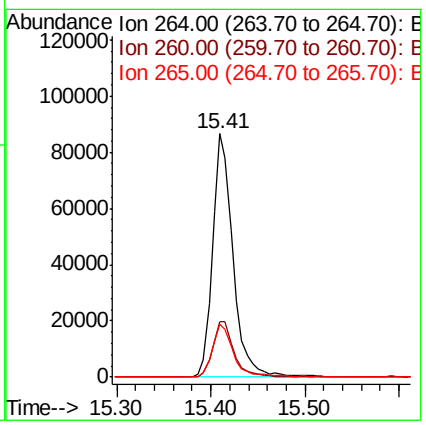


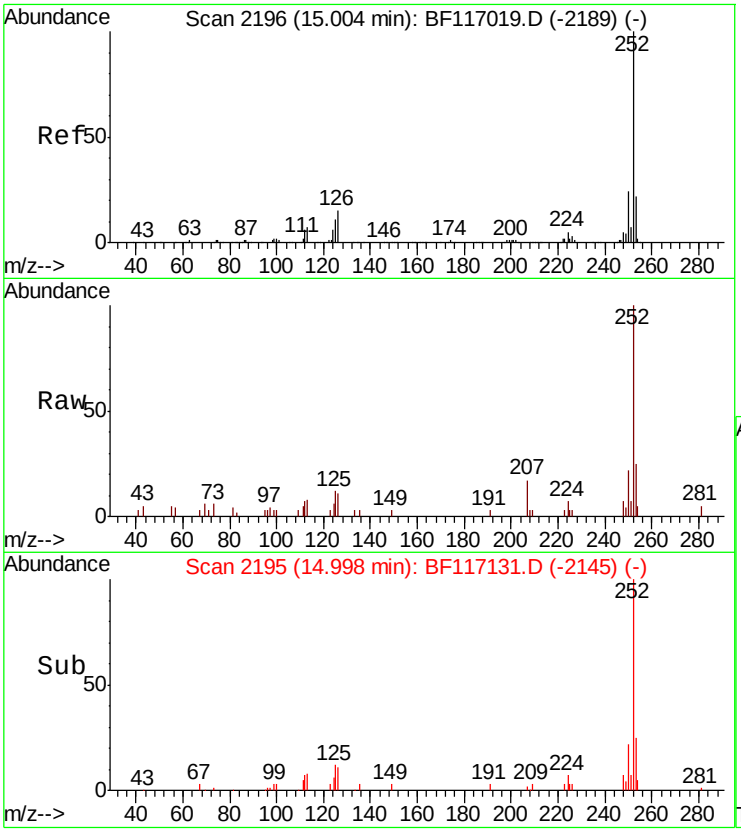


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion:264 Resp: 131749

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.6	26.4
265	21.7	16.6	24.8



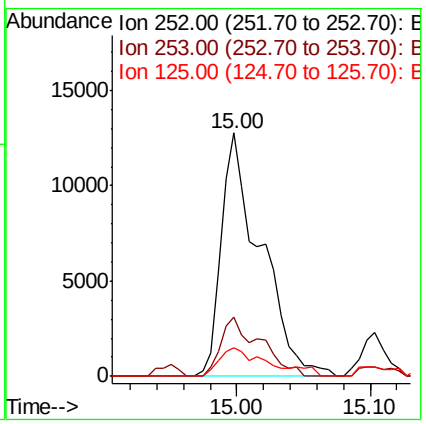


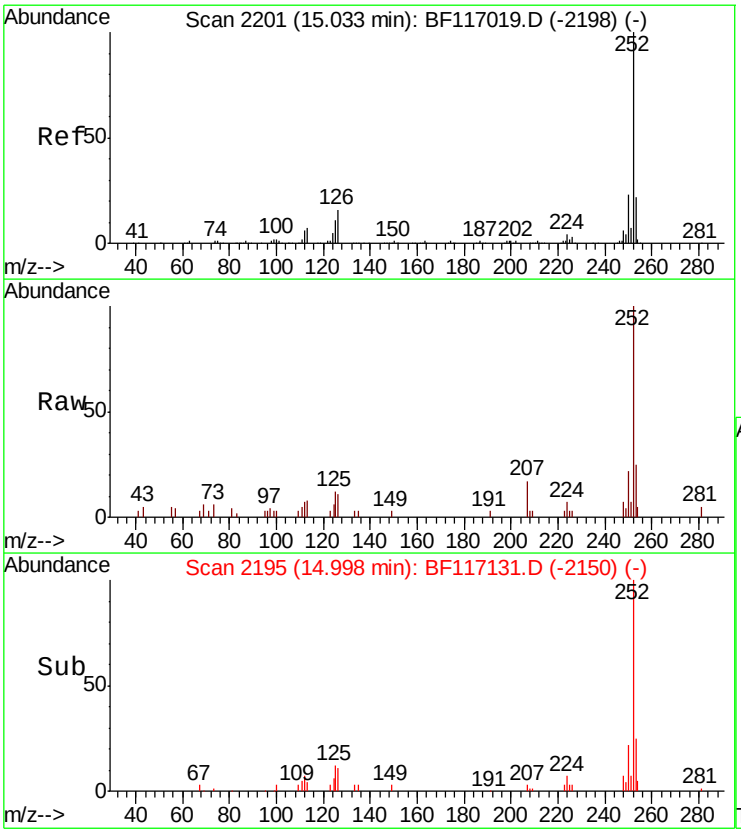
#88
Benzo(b)fluoranthene
Concen: 3.294 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 26285

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.6	26.4
125	11.8	8.6	12.8





#89
Benzo(k)fluoranthene
Concen: 3.477 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.04 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion:252 Resp: 26285

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.2
125	11.8	8.8	13.2