Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117870.D
Acq On : 19 Nov 2019 20:09
Operator : JU
Sample : K5865-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 20 00:32:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	211904	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	840292	20.00	ng		-0.01
39) Acenaphthene-d10	9.96	164	428252	20.00	ng		-0.01
64) Phenanthrene-d10	11.46	188	691759	20.00	ng		-0.01
76) Chrysene-d12	14.10	240	462217	20.00	ng		-0.01
87) Perylene-d12	15.61	264	476961	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	260378	21.75	ng		-0.01
7) Phenol-d6	6.53	99	1058084	73.28	ng		-0.01
23) Nitrobenzene-d5	7.47	82	708862	50.15	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	20030	4.42	ng		-0.02
45) 2-Fluorobiphenyl	9.28	172	1340393	56.15	ng		-0.01
79) Terphenyl-d14	13.04	244	1179709	46.65	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	6394	Below Cal			98
10) Phenol	6.55	94	88107	5.872	ng		92
15) Benzyl Alcohol	7.05	79	61129	5.483	ng		99
17) 2-Methylphenol	7.05	107	38105	3.464	ng	#	21
19) n-Nitroso-di-n-propylamine	7.47	70	96274	10.808	ng	#	77
20) 3+4-Methylphenols	7.05	107	38105	2.791	ng	#	4
25) Isophorone	7.47	82	704136	27.178	ng	#	62
50) Dimethylphthalate	9.67	163	182362	6.072	ng		98
57) 2,4-Dinitrotoluene	9.96	165	56338	6.748	ng	#	24
71) Phenanthrene	11.48	178	219960	6.324	ng		97
75) Fluoranthene	12.67	202	157848	Below Cal			98
78) Pyrene	12.90	202	183599	4.915	ng		97
81) Benzo(a)anthracene	14.09	228	80912	2.649	ng		96
83) Chrysene	14.13	228	74315	2.511	ng		96
88) Benzo(b)fluoranthene	15.16	252	107251	3.461	ng	#	96
89) Benzo(k)fluoranthene	15.16	252	107251	3.673	ng	#	94

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

Quantitation Report (Not Reviewed)

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Misc :
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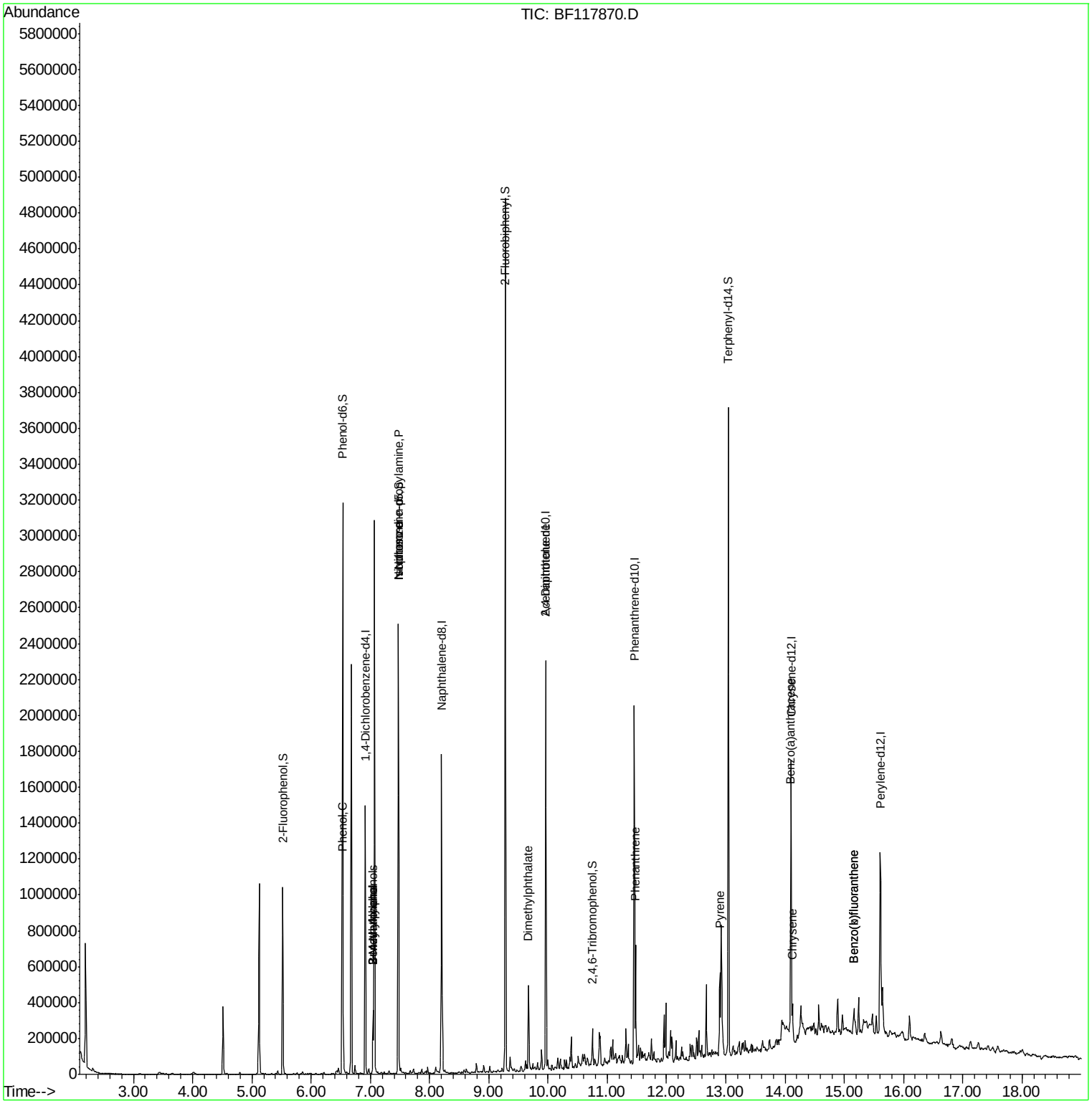
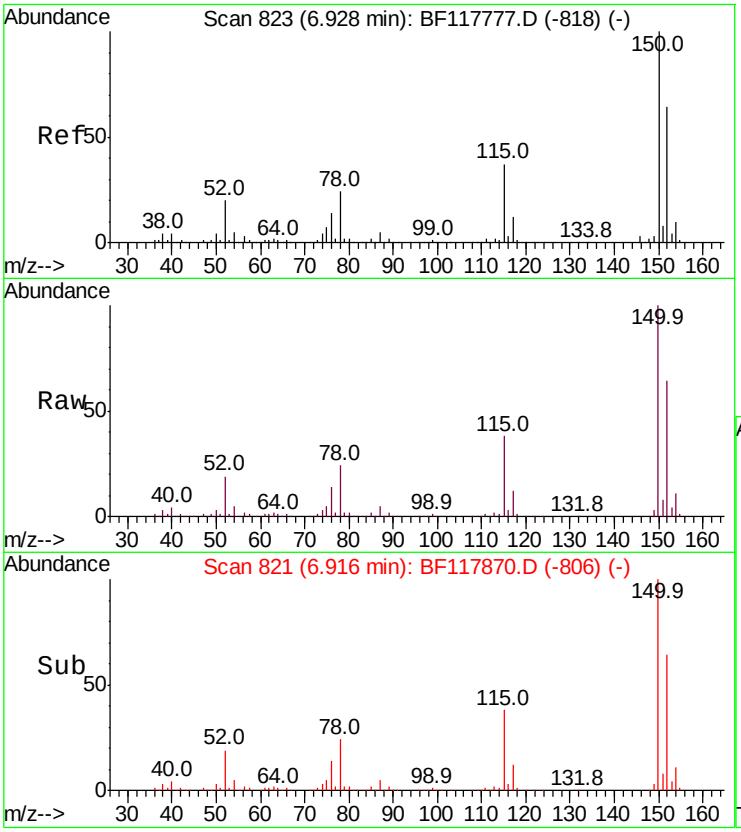


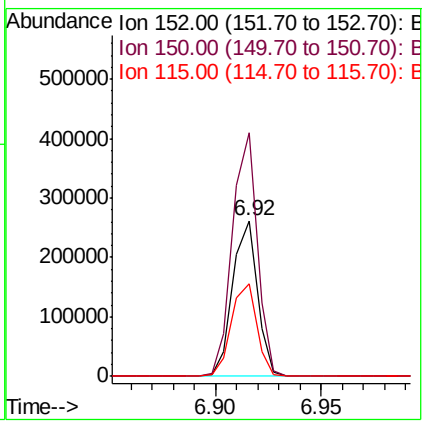


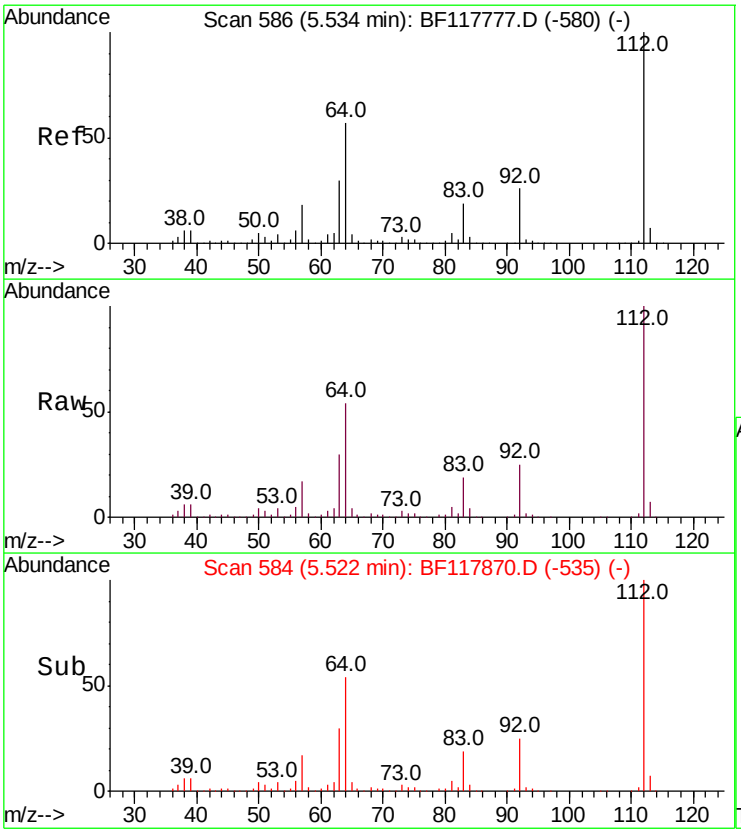
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 211904

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.3	187.9
115	59.8	47.0	70.4

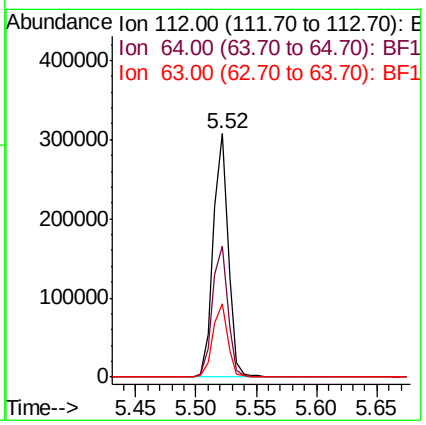


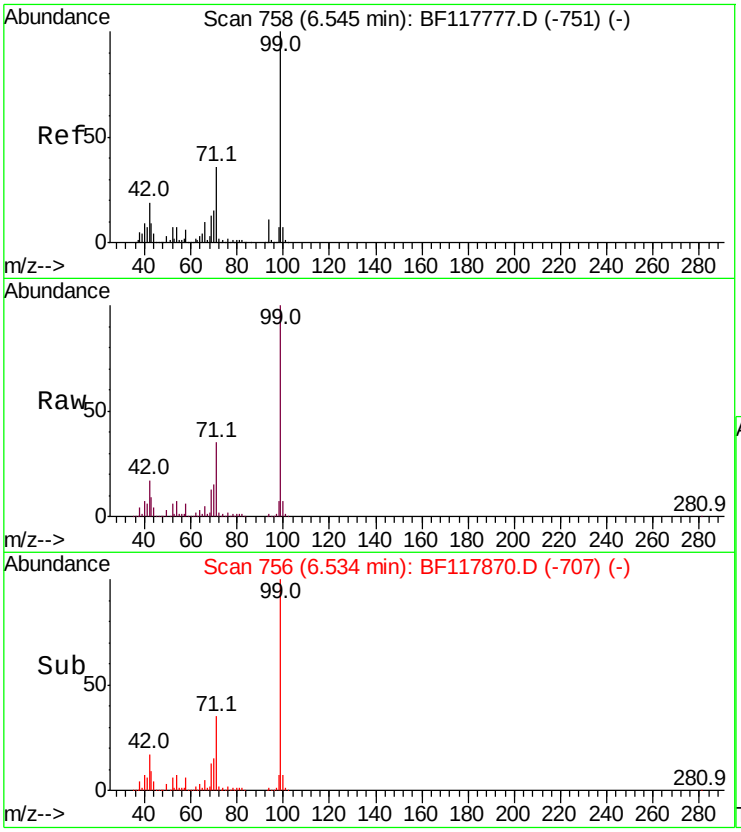


#5
2-Fluorophenol
Concen: 21.750 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:112 Resp: 260378

Ion	Ratio	Lower	Upper
112	100		
64	53.8	45.6	68.4
63	29.9	24.1	36.1



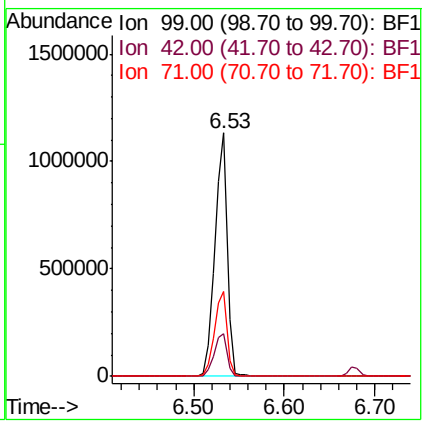


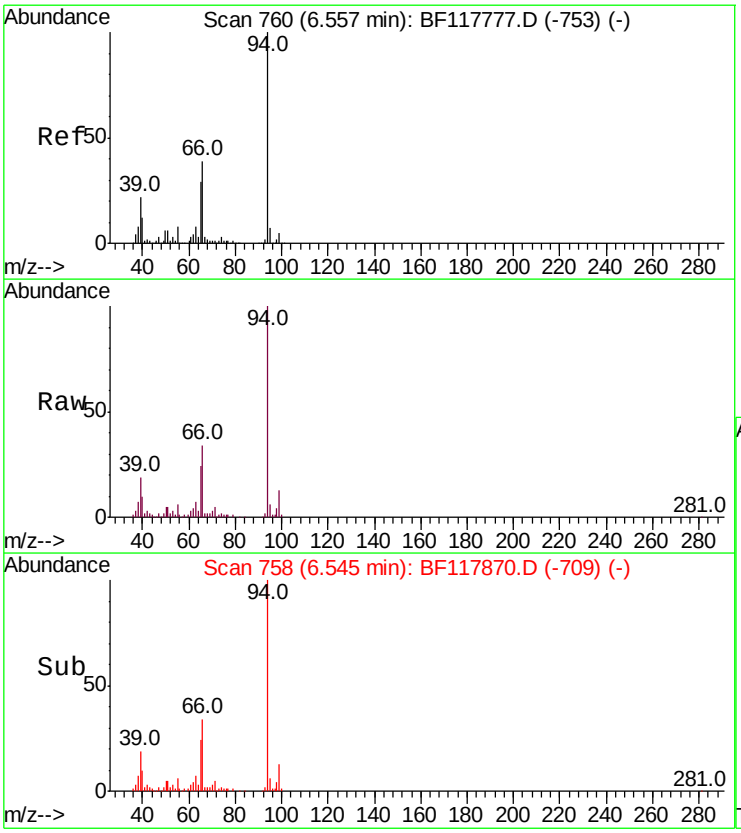
#7
Phenol-d6
Concen: 73.278 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1058084

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.9	22.3
71	35.0	28.6	43.0

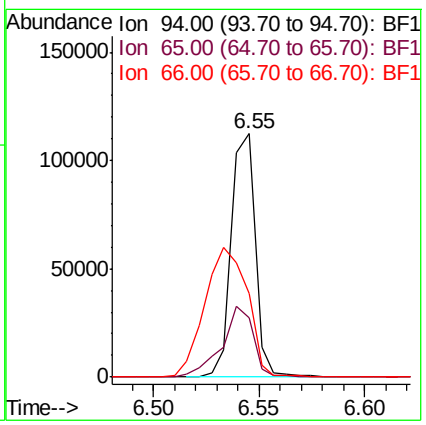


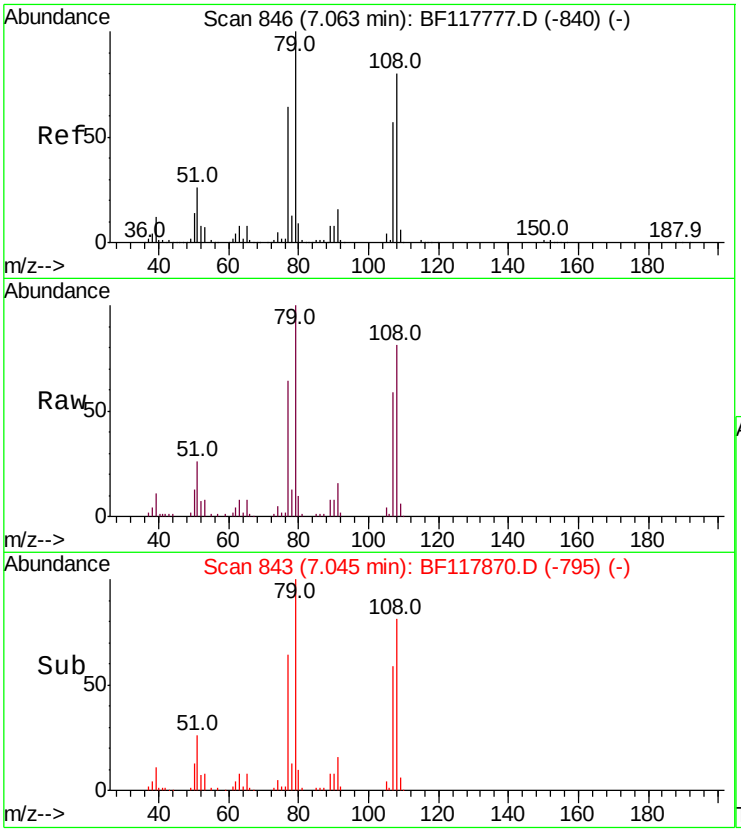


#10
Phenol
Concen: 5.872 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion: 94 Resp: 88107

Ion	Ratio	Lower	Upper
94	100		
65	24.1	8.9	48.9
66	34.4	18.7	58.7



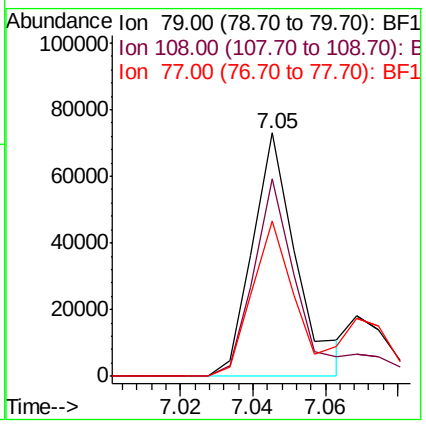


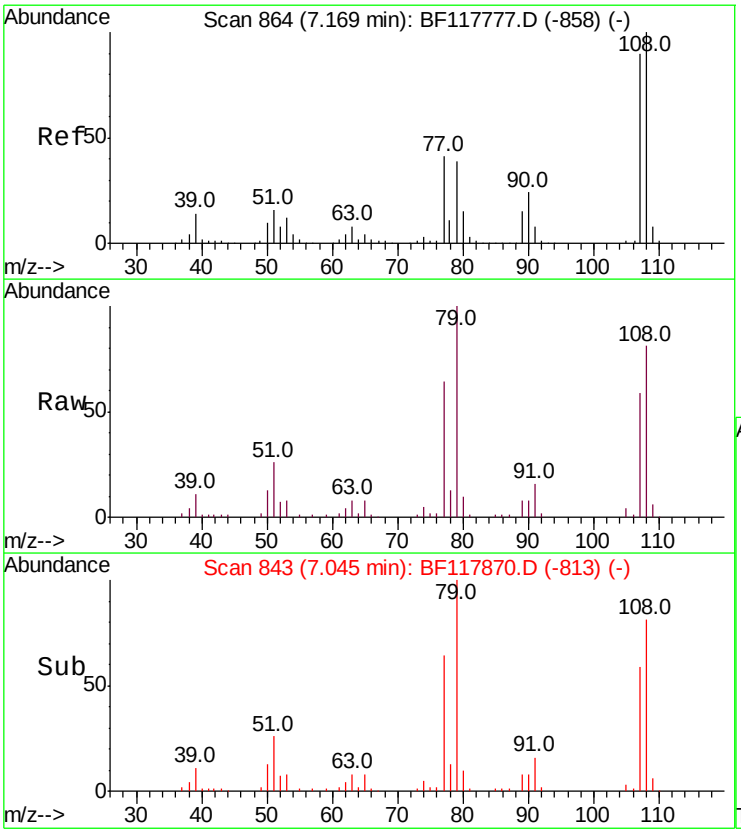
#15
Benzyl Alcohol
Concen: 5.483 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 61129

Ion	Ratio	Lower	Upper
79	100		
108	81.1	64.1	96.1
77	63.7	51.3	76.9

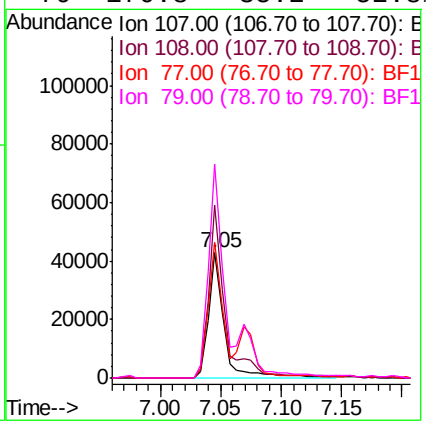


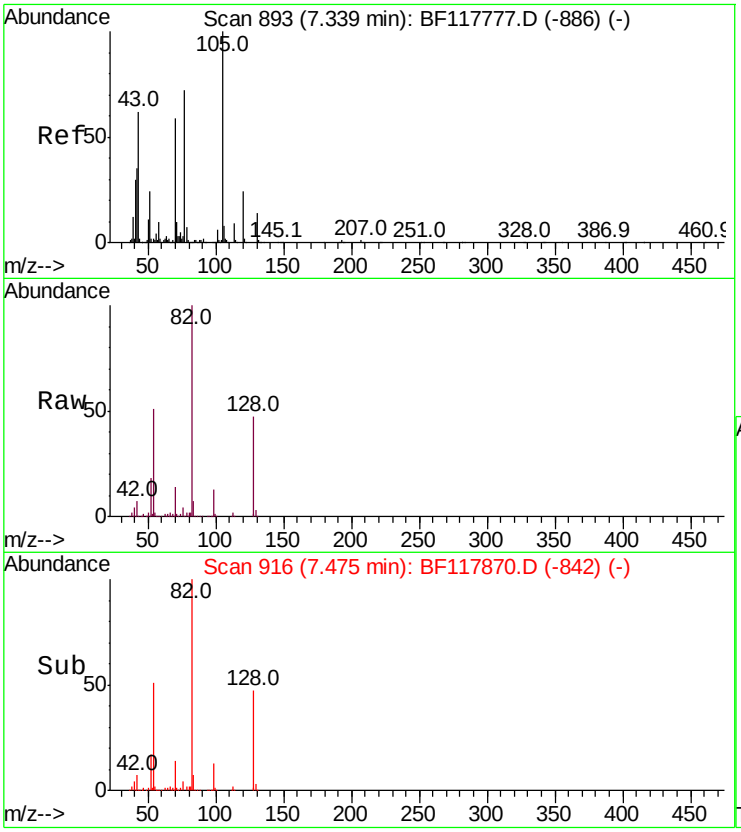


#17
2-Methylphenol
Concen: 3.464 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.12 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:107 Resp: 38105

Ion	Ratio	Lower	Upper
107	100		
108	138.4	89.1	133.7#
77	108.8	36.6	54.8#
79	170.8	35.2	52.8#



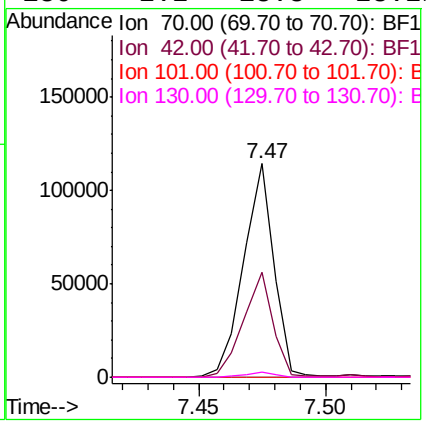


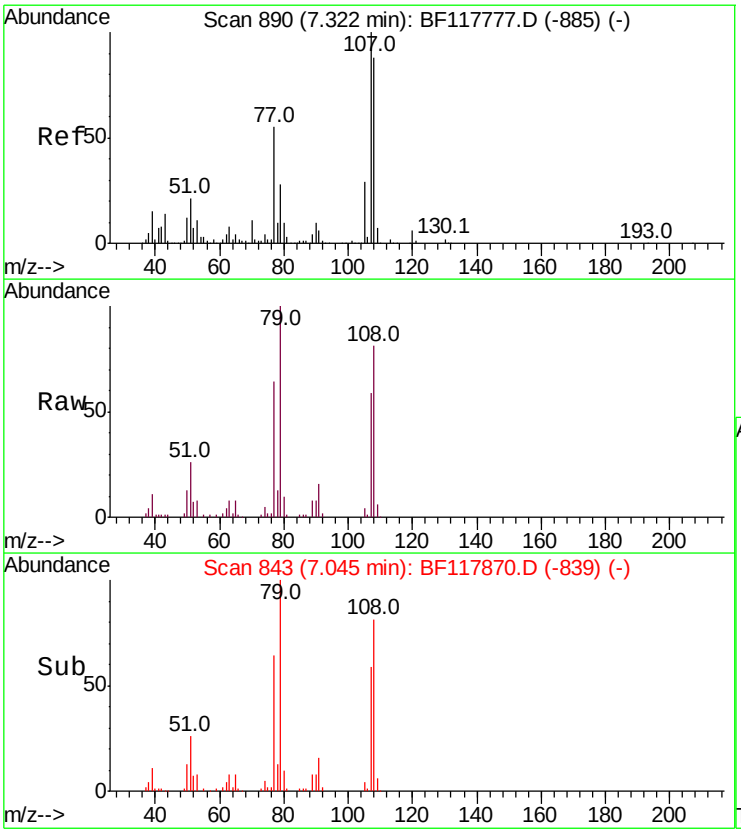
#19
n-Nitroso-di-n-propylamine
Concen: 10.808 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 96274

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.4	71.2
101	0.0	8.4	12.6#
130	2.2	18.8	28.2#

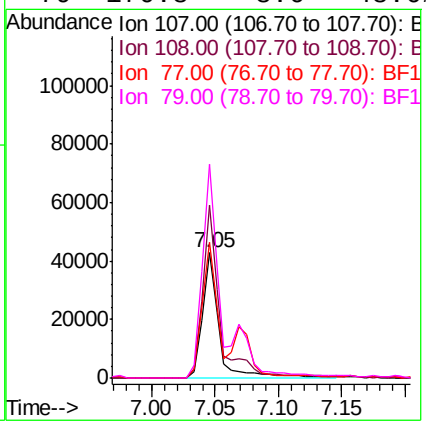


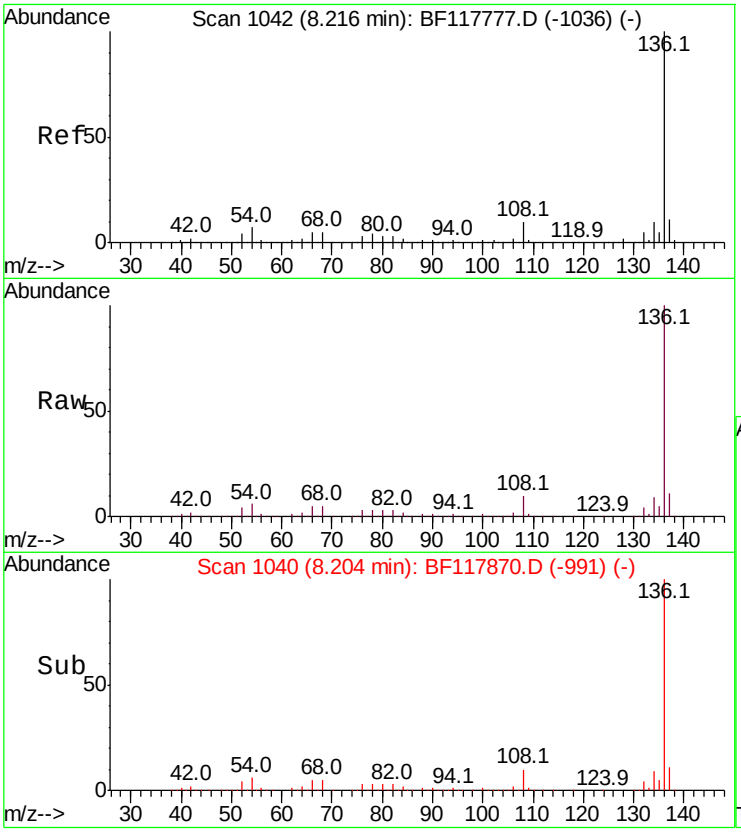


#20
3+4-Methylphenols
Concen: 2.791 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.28 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:107 Resp: 38105

Ion	Ratio	Lower	Upper
107	100		
108	138.4	68.4	108.4#
77	108.8	35.2	75.2#
79	170.8	8.6	48.6#



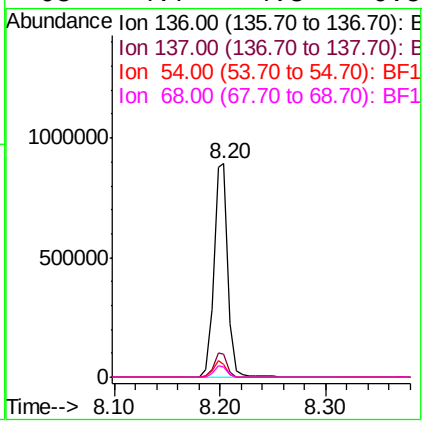


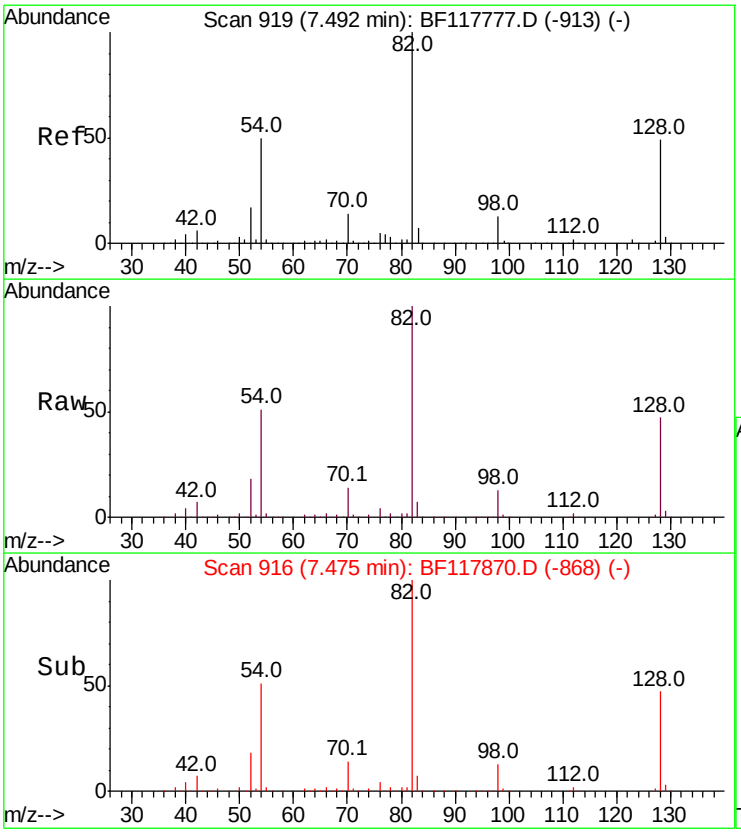
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 840292

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.2	5.4	8.2
68	4.7	4.3	6.5

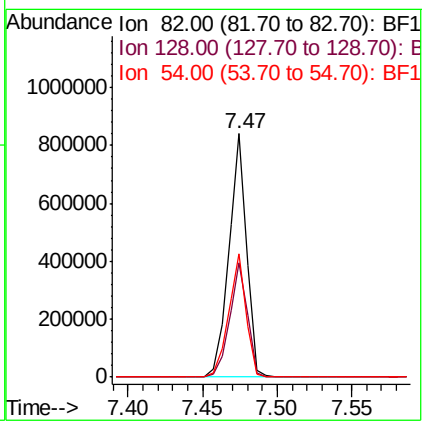


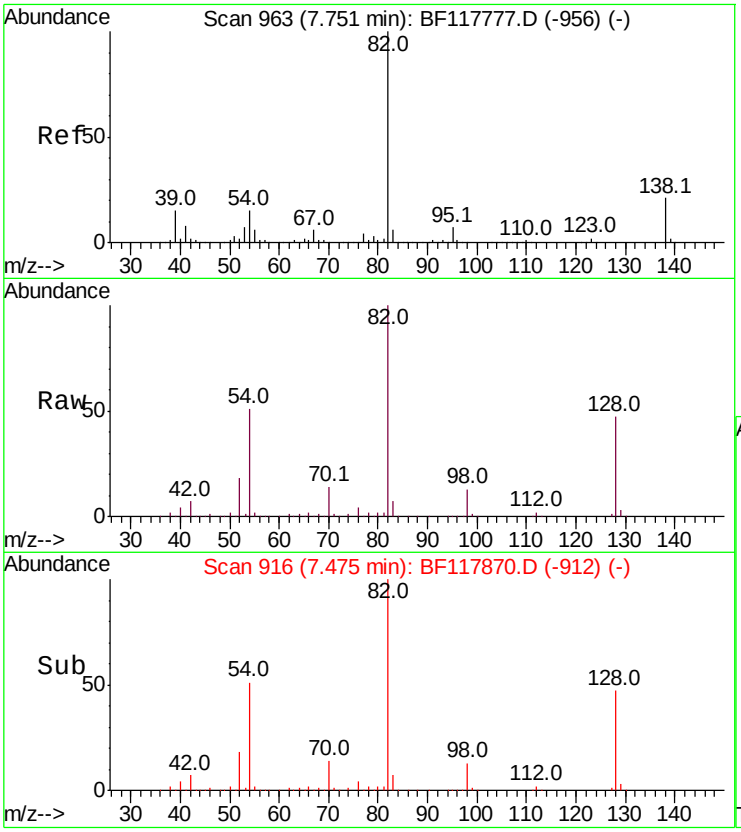


#23
Nitrobenzene-d5
Concen: 50.148 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion: 82 Resp: 708862

Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.9	58.3
54	50.6	39.8	59.6



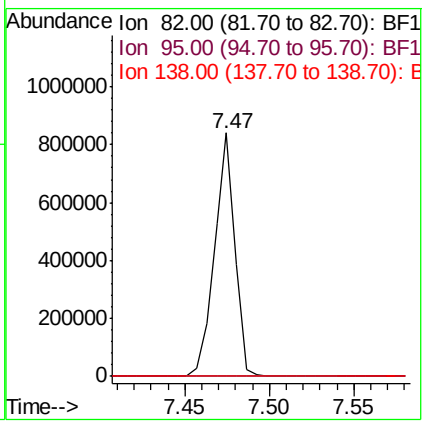


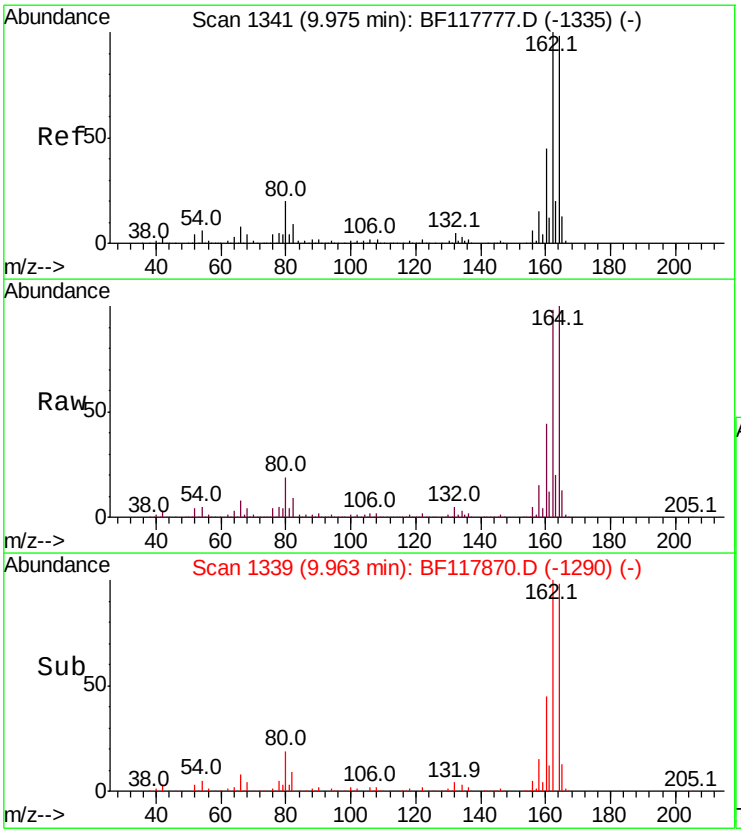
#25
Isophorone
Concen: 27.178 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 704136

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.8#
138	0.0	16.5	24.7#

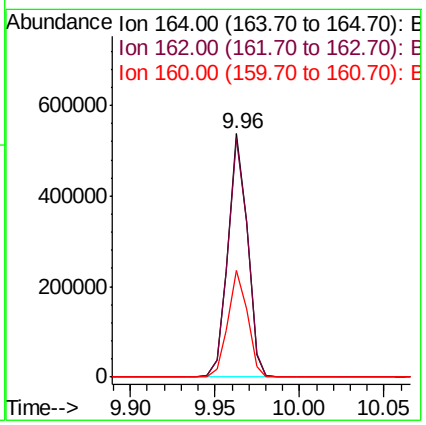


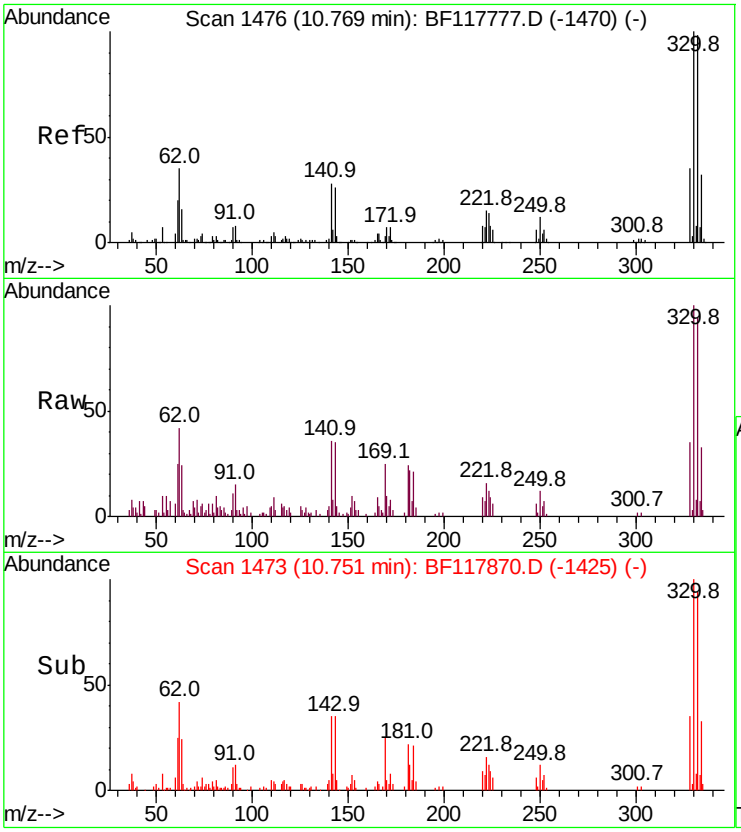


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:164 Resp: 428252

Ion	Ratio	Lower	Upper
164	100		
162	97.8	81.3	121.9
160	43.7	36.6	55.0



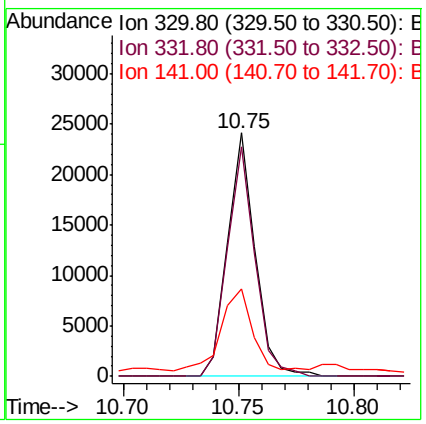


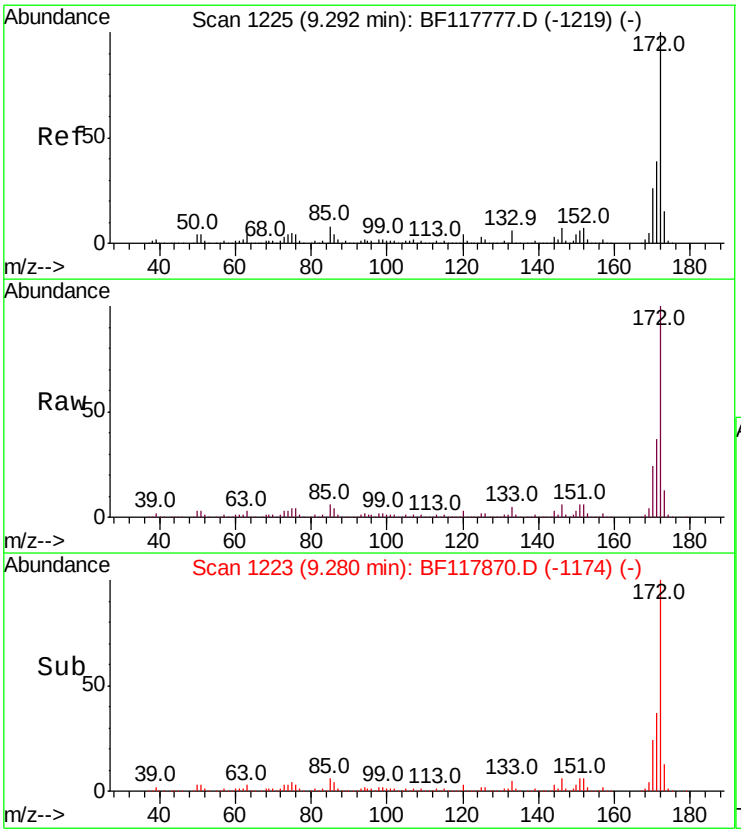
#42
2,4,6-Tribromophenol
Concen: 4.418 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 20030

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.7	115.1
141	39.0	27.7	41.5

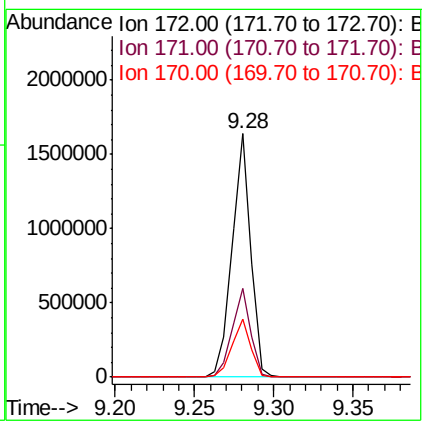


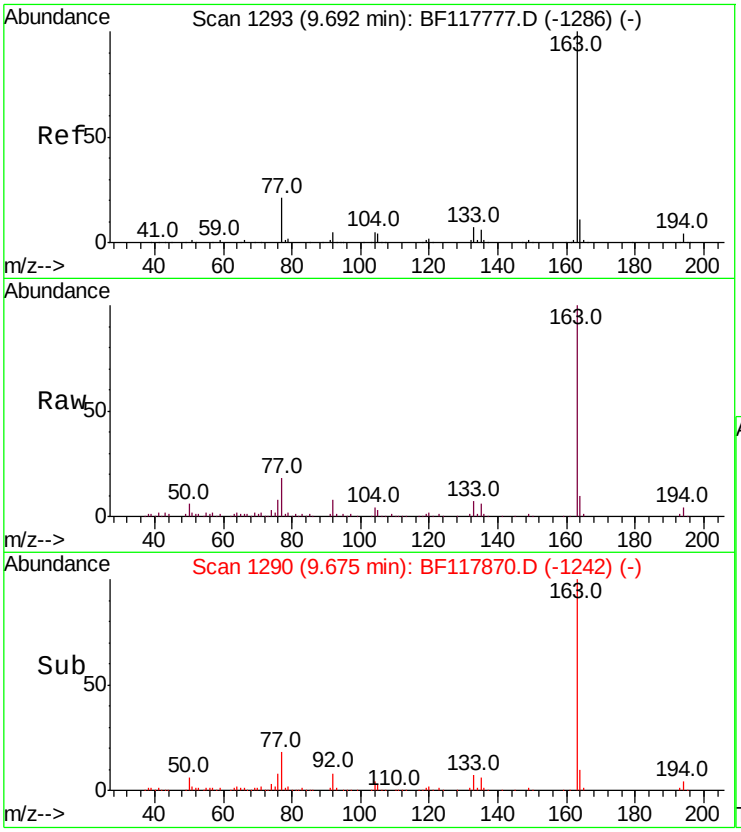


#45
2-Fluorobiphenyl
Concen: 56.152 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:172 Resp: 1340393

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.9	46.3
170	24.0	21.0	31.4



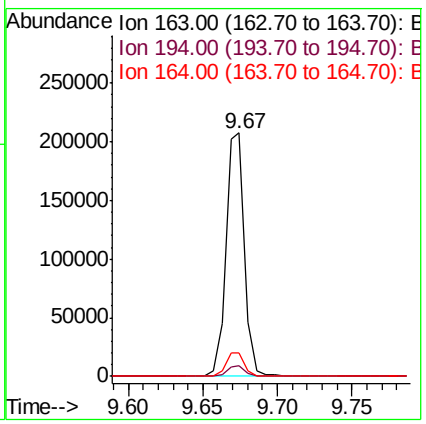


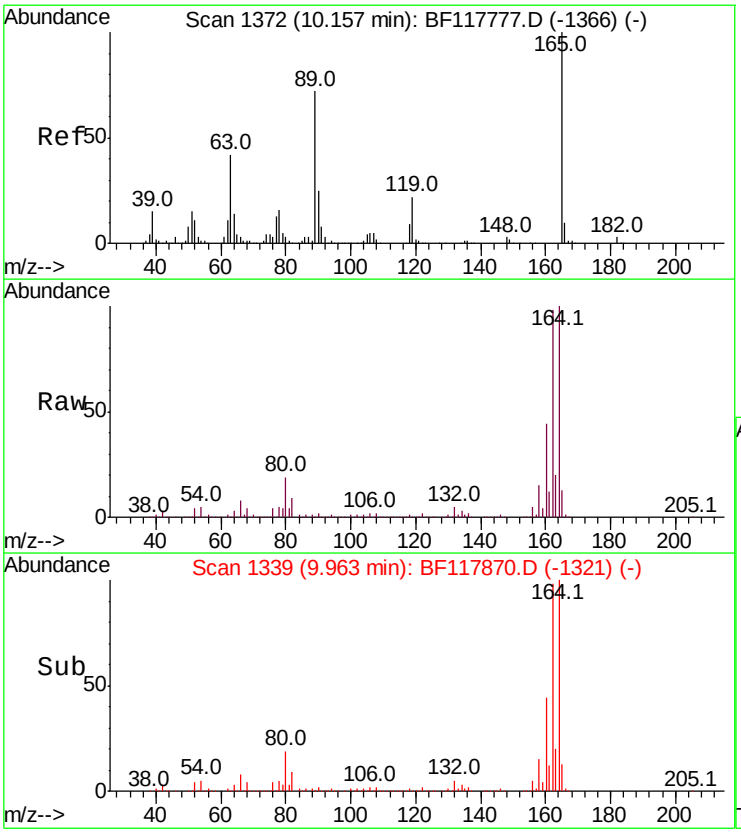
#50
Dimethylphthalate
Concen: 6.072 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 182362

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.8	8.7	13.1

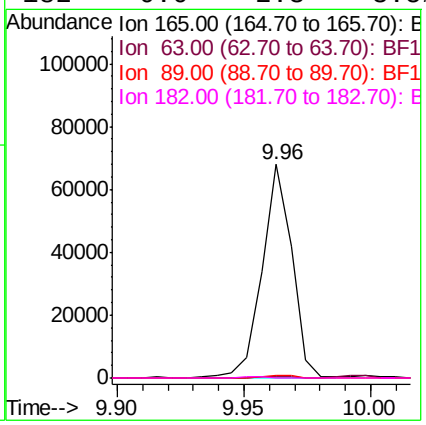


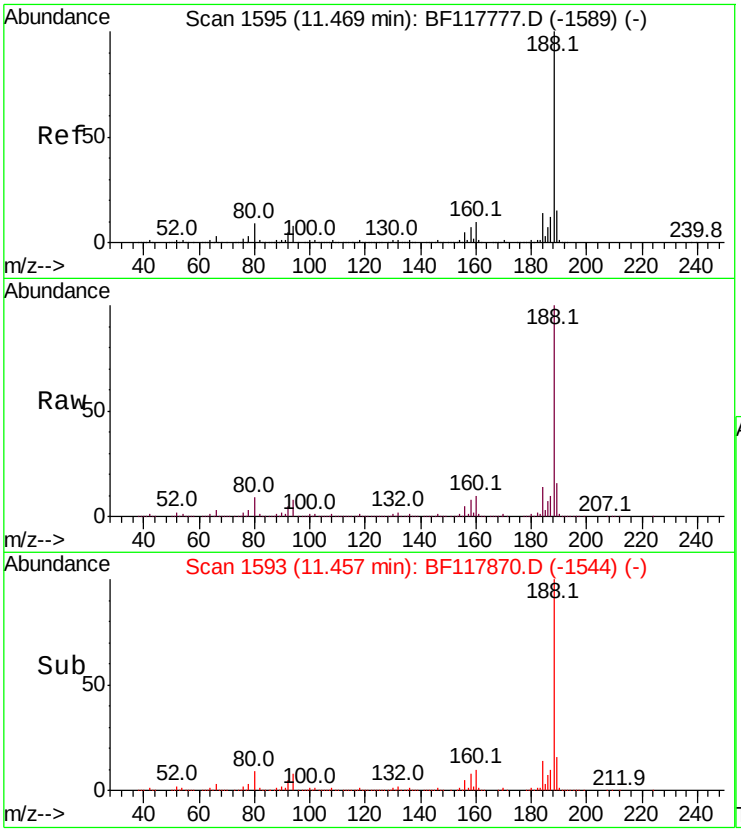


#57
2,4-Dinitrotoluene
Concen: 6.748 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:165 Resp: 56338

Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.7	50.5#
89	1.5	57.3	85.9#
182	0.0	2.3	3.5#



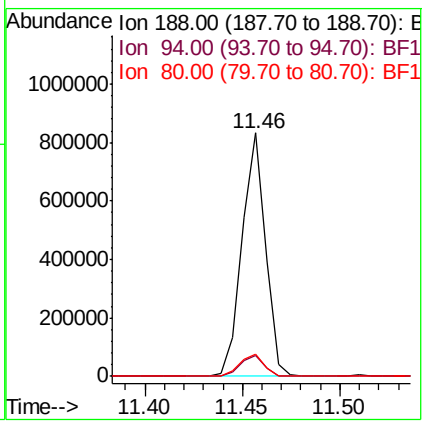


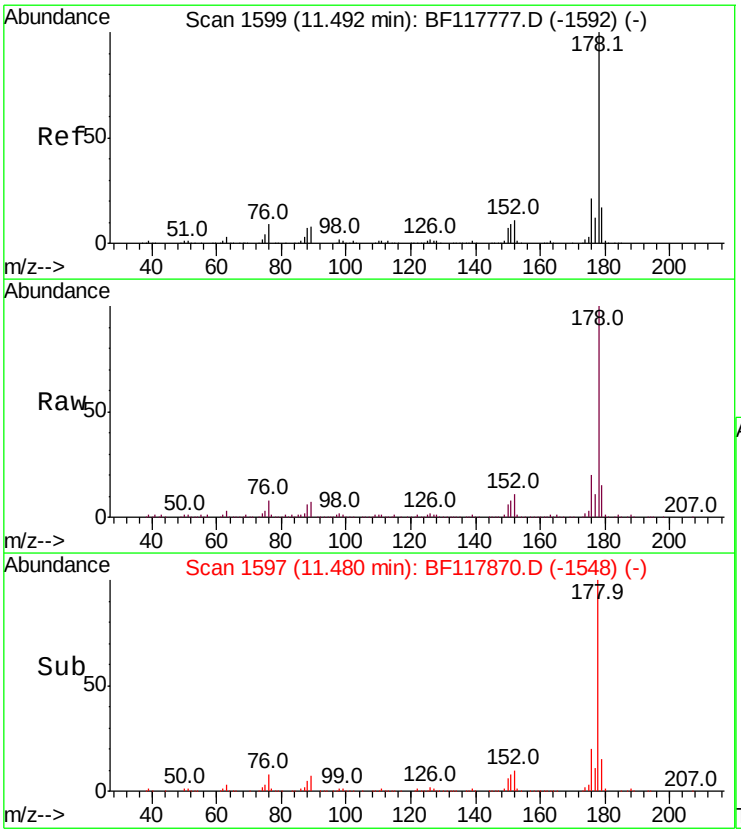
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 691759

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	9.2	7.2	10.8

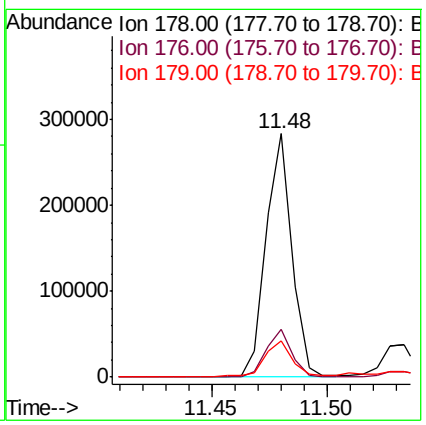


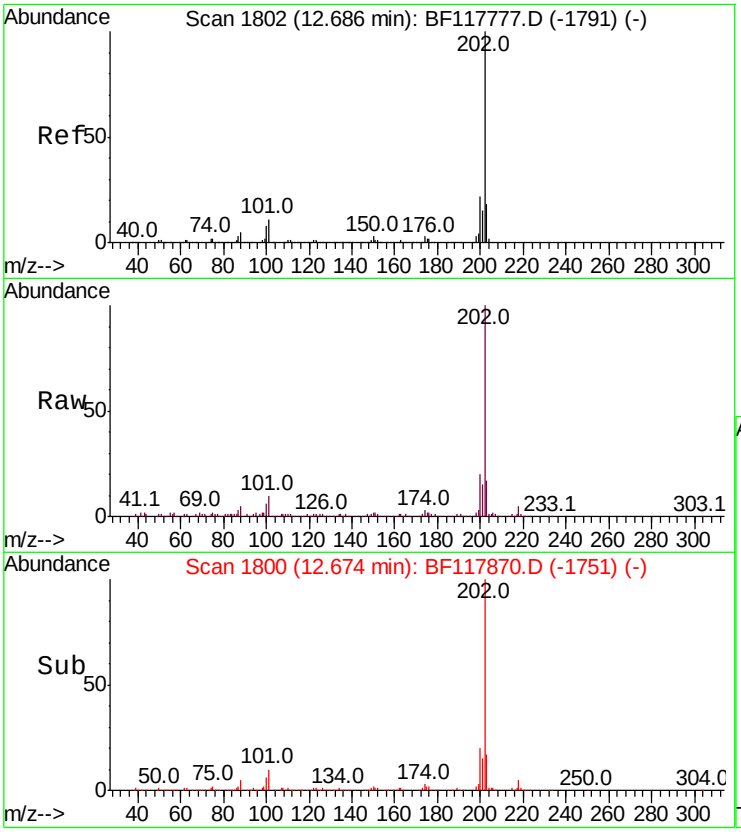


#71
Phenanthrene
Concen: 6.324 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:178 Resp: 219960

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	14.9	13.2	19.8



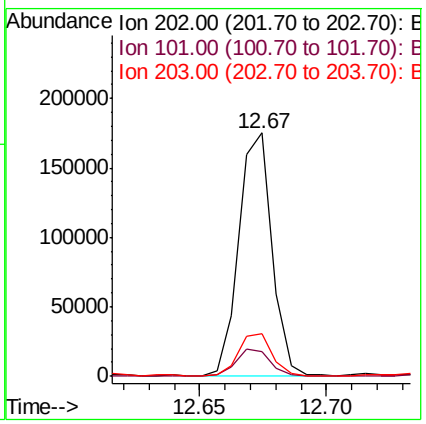


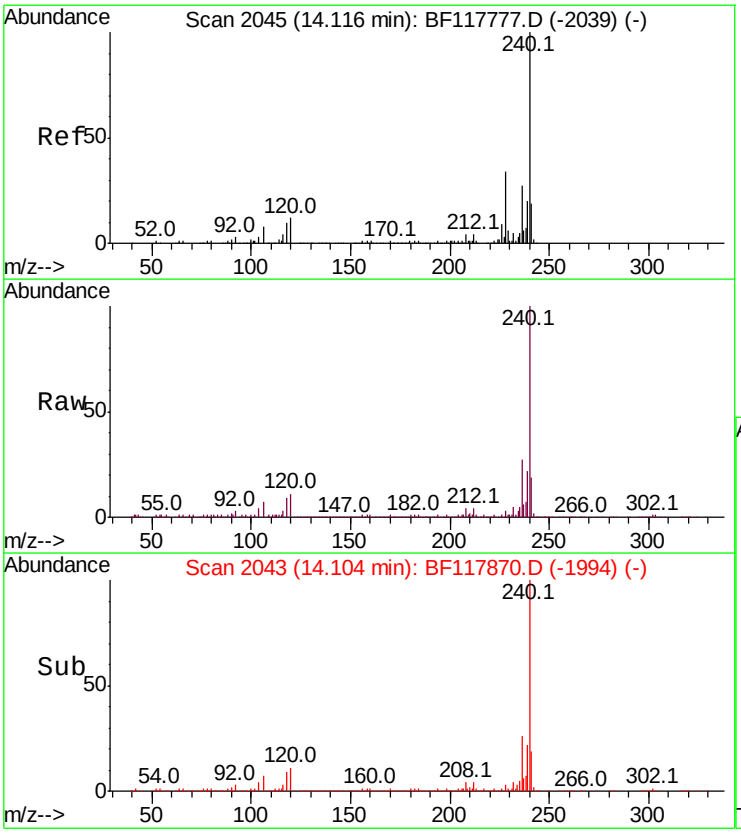
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 157848

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.1
203	17.5	0.0	38.2

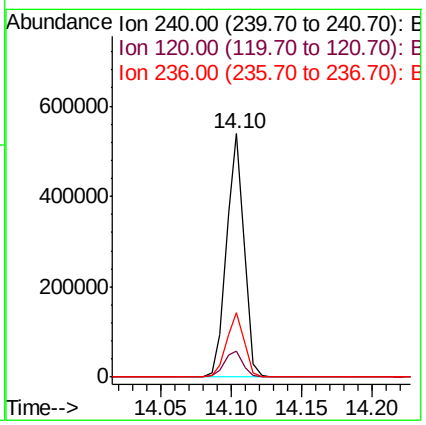


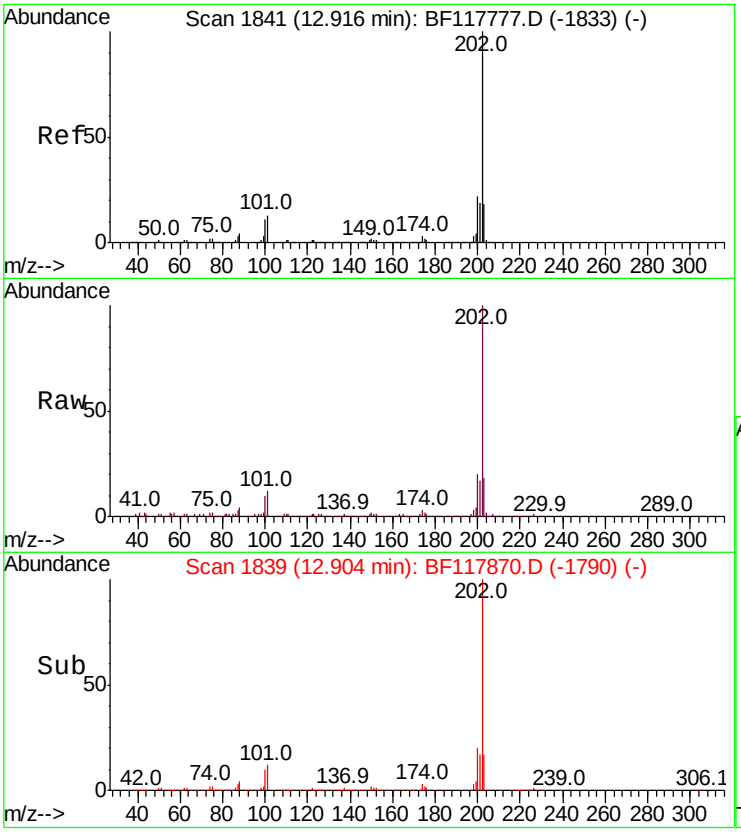


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:240 Resp: 462217

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	26.5	21.3	31.9



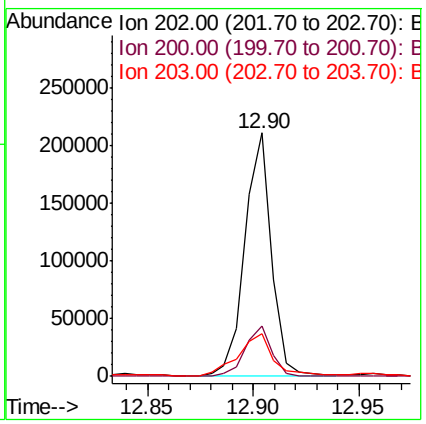


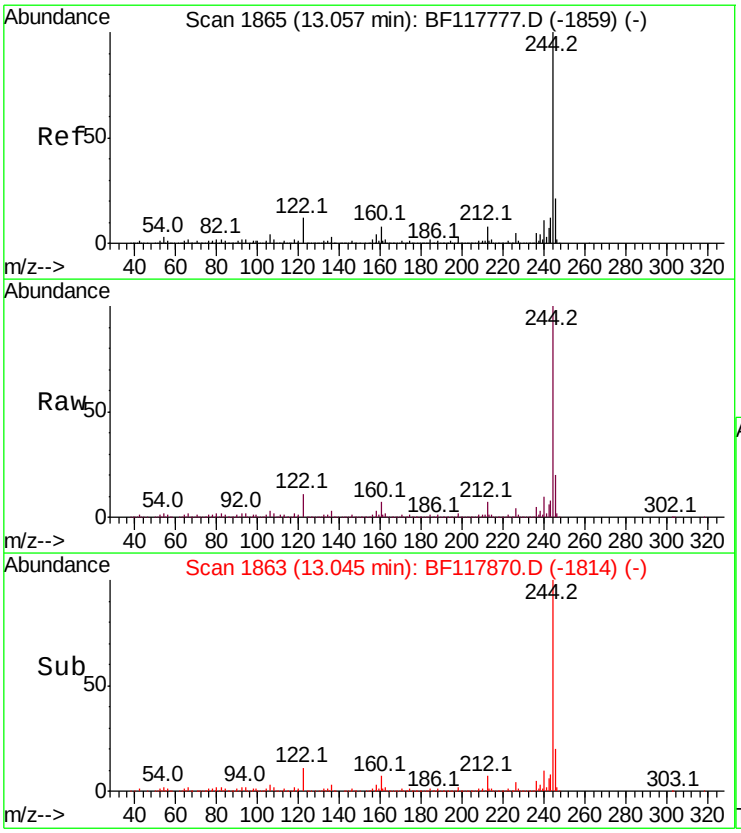
#78
Pyrene
Concen: 4.915 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 183599

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.8
203	17.5	14.6	22.0

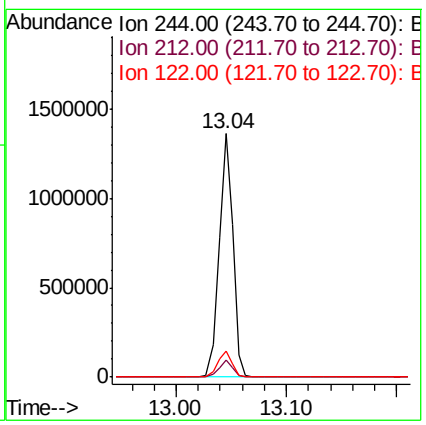


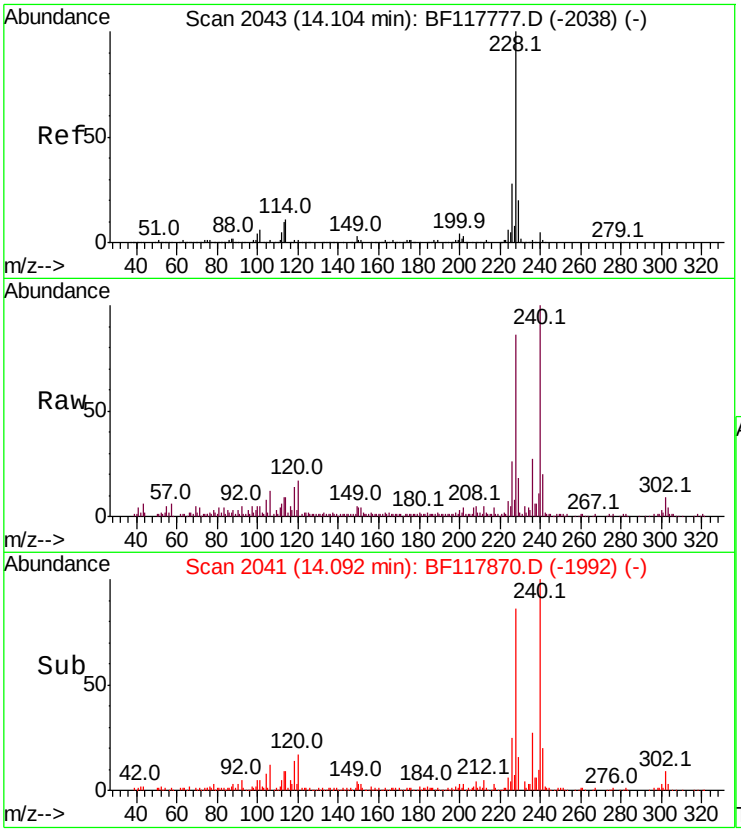


#79
Terphenyl-d14
Concen: 46.646 ng
RT: 13.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:244 Resp: 1179709

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.3	9.5
122	10.6	9.4	14.2



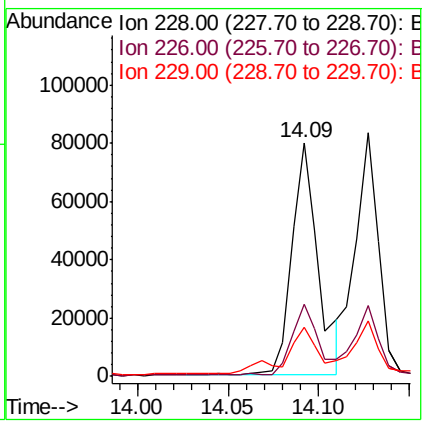


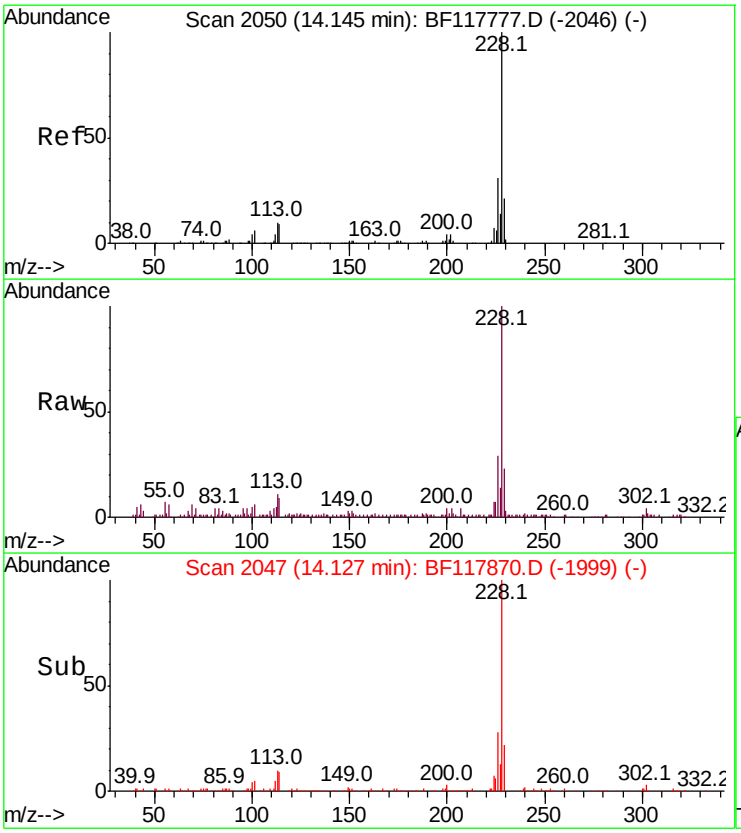
#81
Benzo(a)anthracene
Concen: 2.649 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 80912

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.2	33.2
229	20.9	15.9	23.9

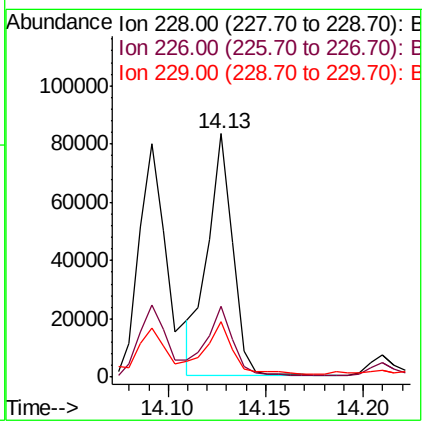


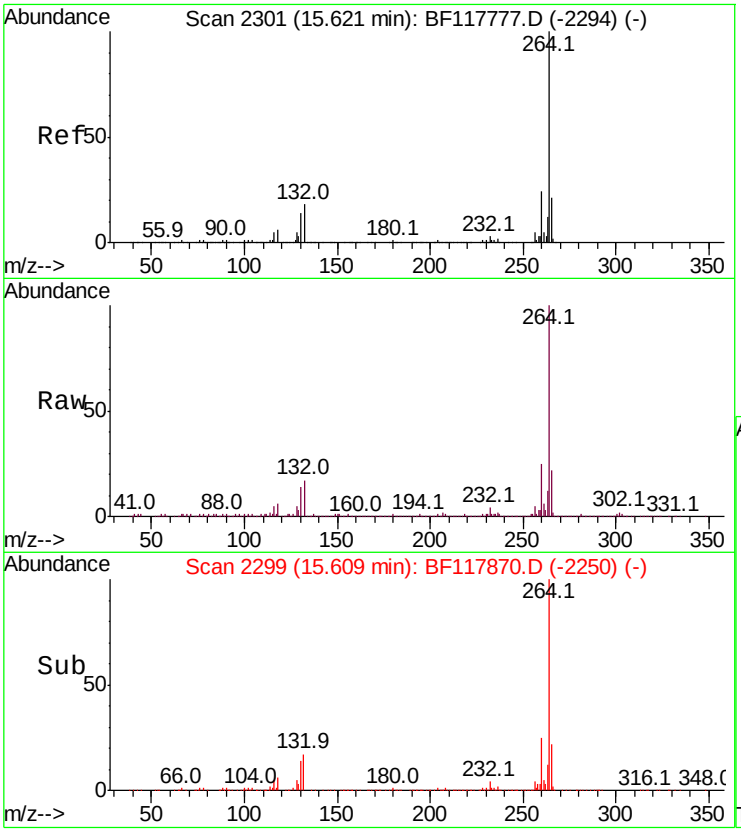


#83
Chrysene
Concen: 2.511 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:228 Resp: 74315

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.4
229	22.5	16.6	25.0



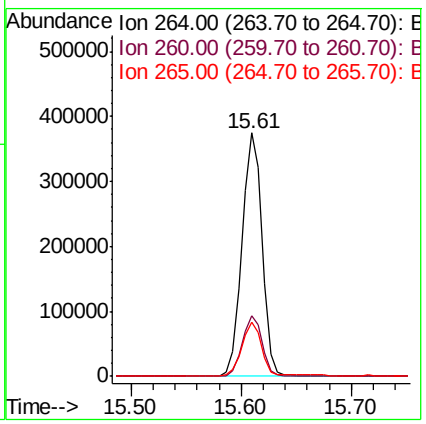


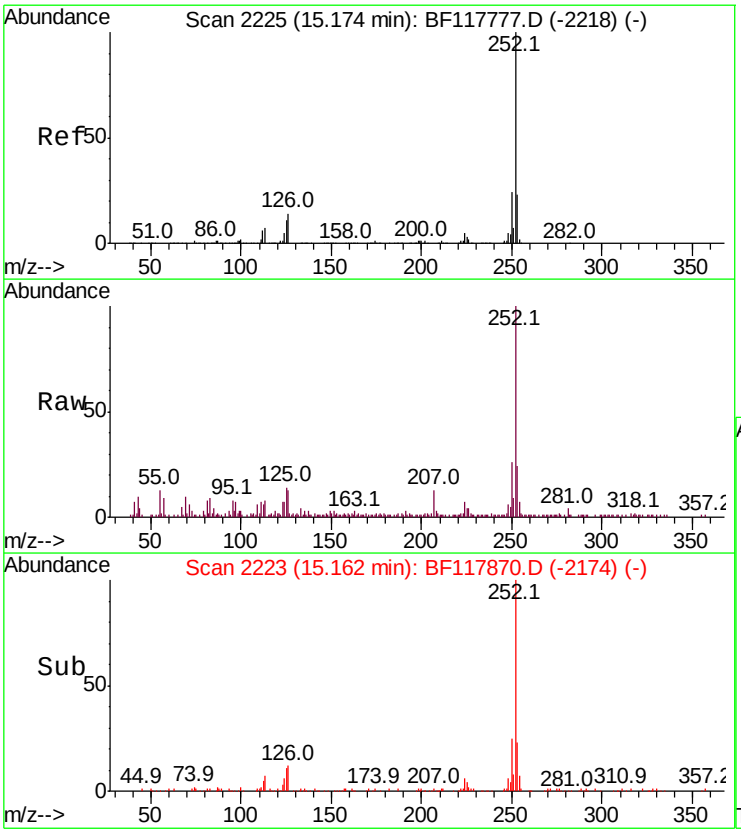
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 476961

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.4	17.1	25.7

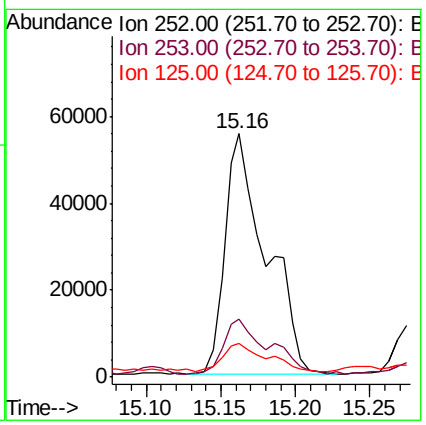


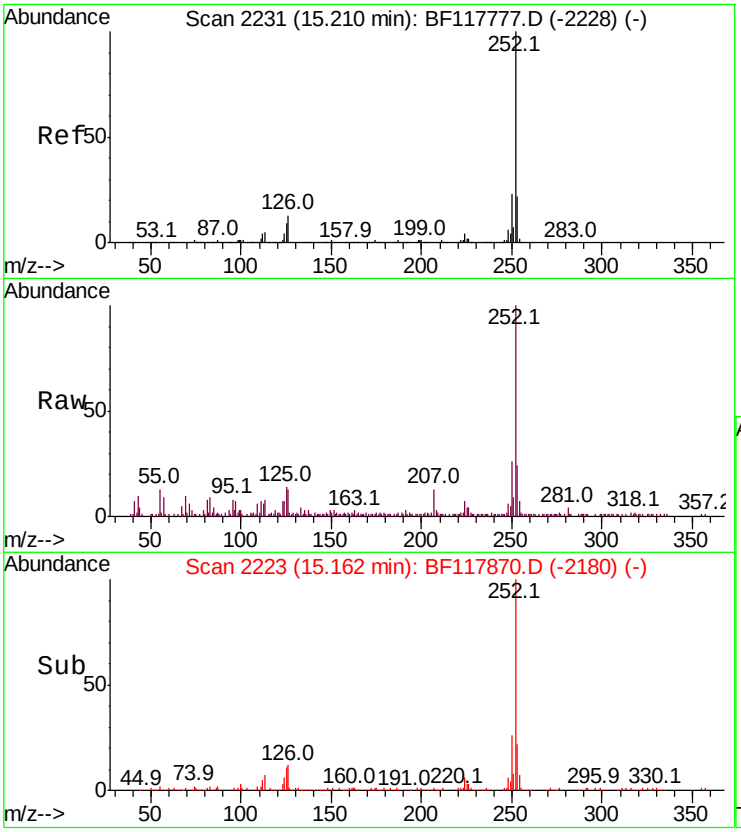


#88
Benzo(b)fluoranthene
Concen: 3.461 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Tgt Ion:252 Resp: 107251

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	14.0	8.6	13.0#





#89
Benzo(k)fluoranthene
Concen: 3.673 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.05 min
Lab File: BF117870.D
Acq: 19 Nov 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 107251

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	14.0	7.9	11.9#